

Testing heppenames

Generated by andy

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1 Normal font

- `\PB` \Rightarrow B
- `\PBpm` \Rightarrow B $^\pm$
- `\PBmp` \Rightarrow B $^\mp$
- `\PBp` \Rightarrow B $^+$
- `\PBm` \Rightarrow B $^-$
- `\PBz` \Rightarrow B 0
- `\PBst` \Rightarrow B*
- `\PdB` \Rightarrow B $_d^0$
- `\PuB` \Rightarrow B $^+$
- `\PcB` \Rightarrow B $_c^+$
- `\PsB` \Rightarrow B $_s^0$
- `\PaB` \Rightarrow \bar{B}
- `\PaBz` \Rightarrow \bar{B}^0
- `\PadB` \Rightarrow \bar{B}_d^0
- `\PauB` \Rightarrow B $^-$
- `\PacB` \Rightarrow B $_c^-$
- `\PasB` \Rightarrow \bar{B}_s^0
- kaon
- `\PK` \Rightarrow K
- charged kaon
- `\PKpm` \Rightarrow K $^\pm$
- charged kaon
- `\PKmp` \Rightarrow K $^\mp$
- negative kaon
- `\PKm` \Rightarrow K $^-$
- positive kaon
- `\PKp` \Rightarrow K $^+$
- neutral kaon
- `\PKz` \Rightarrow K 0
- K-long
- `\PKzL` \Rightarrow K $_L^0$
- K-short
- `\PKzS` \Rightarrow K $_S^0$

- K star
`\PKst` \Rightarrow K^*
- anti-kaon
`\PaK` \Rightarrow \bar{K}
- neutral anti-kaon
`\PaKz` \Rightarrow \bar{K}^0
- `\PKeiii` \Rightarrow K_{e3}
- `\PKgmiii` \Rightarrow $K_{\mu 3}$
- `\PKzeiii` \Rightarrow K_{e3}^0
- `\PKzgmiii` \Rightarrow $K_{\mu 3}^0$
- `\PKia` \Rightarrow $K_1(1400)$
- `\PKii` \Rightarrow $K_2(1770)$
- `\PKi` \Rightarrow $K_1(1270)$
- `\PKsti` \Rightarrow $K^*(892)$
- `\PKsta` \Rightarrow $K^*(1370)$
- `\PKstb` \Rightarrow $K^*(1680)$
- `\PKstiii` \Rightarrow $K_3^*(1780)$
- `\PKstii` \Rightarrow $K_2^*(1430)$
- `\PKstiv` \Rightarrow $K_4^*(2045)$
- `\PKstz` \Rightarrow $K_0^*(1430)$
- `\PN` \Rightarrow N
- `\PNa` \Rightarrow N(1440) P_{11}
- `\PNb` \Rightarrow N(1520) D_{13}
- `\PNc` \Rightarrow N(1535) S_{11}
- `\PNd` \Rightarrow N(1650) S_{11}
- `\PNe` \Rightarrow N(1675) D_{15}
- `\PNf` \Rightarrow N(1680) F_{15}
- `\PNg` \Rightarrow N(1700) D_{13}
- `\PNh` \Rightarrow N(1710) P_{11}
- `\PNI` \Rightarrow N(1720) P_{13}
- `\PNj` \Rightarrow N(2190) G_{17}
- `\PNk` \Rightarrow N(2220) H_{19}
- `\PNl` \Rightarrow N(2250) G_{19}
- `\PNm` \Rightarrow N(2600) $I_{1,11}$
- gluon
`\Pg` \Rightarrow g
- photon
`\Pgg` \Rightarrow γ
- photon*
`\Pggx` \Rightarrow γ^*
- W boson
`\PW` \Rightarrow W
- charged W boson
`\PWpm` \Rightarrow W^\pm
- charged W boson
`\PWmp` \Rightarrow W^\mp
- W-plus
`\PWp` \Rightarrow W^+
- W-minus
`\PWm` \Rightarrow W^-

- $\backslash\text{PWR} \Rightarrow W_R$
- W-prime boson
 $\backslash\text{PWpr} \Rightarrow W'$
- Z boson
 $\backslash\text{PZ} \Rightarrow Z$
- neutral Z boson
 $\backslash\text{PZz} \Rightarrow Z^0$
- Z-prime boson
 $\backslash\text{PZpr} \Rightarrow Z'$
- left-right Z boson
 $\backslash\text{PZLR} \Rightarrow Z_{LR}$
- $\backslash\text{PZgc} \Rightarrow Z_\chi$
- $\backslash\text{PZge} \Rightarrow Z_\eta$
- $\backslash\text{PZgy} \Rightarrow Z_\psi$
- $\backslash\text{PZi} \Rightarrow Z_1$
- axion
 $\backslash\text{PAz} \Rightarrow A^0$
- standard/heavy Higgs
 $\backslash\text{PH} \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\backslash\text{PHz} \Rightarrow H^0$
- light Higgs
 $\backslash\text{Ph} \Rightarrow h$
- explicitly neutral light Higgs
 $\backslash\text{Phz} \Rightarrow h^0$
- pseudoscalar Higgs
 $\backslash\text{PA} \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\backslash\text{PAz} \Rightarrow A^0$
- charged Higgs
 $\backslash\text{PHpm} \Rightarrow H^\pm$
- charged Higgs
 $\backslash\text{PHmp} \Rightarrow H^\mp$
- positive-charged Higgs
 $\backslash\text{PHp} \Rightarrow H^+$
- negative-charged Higgs
 $\backslash\text{PHm} \Rightarrow H^-$
- fermion
 $\backslash\text{Pf} \Rightarrow f$
- charged fermion
 $\backslash\text{Pfp} \Rightarrow f^\pm$
- charged fermion
 $\backslash\text{Pfmp} \Rightarrow f^\mp$
- positive fermion
 $\backslash\text{Pfp} \Rightarrow f^+$
- negative fermion
 $\backslash\text{Pfm} \Rightarrow f^-$
- anti-fermion
 $\backslash\text{Paf} \Rightarrow \bar{f}$
- lepton
 $\backslash\text{Pl} \Rightarrow \ell$
- charged lepton
 $\backslash\text{Plpm} \Rightarrow \ell^\pm$

- charged lepton
`\Plmp` $\Rightarrow \ell^\mp$
- positive lepton
`\Plp` $\Rightarrow \ell^+$
- negative lepton
`\Plm` $\Rightarrow \ell^-$
- anti-lepton
`\Pal` $\Rightarrow \bar{\ell}$
- generic neutrino
`\Pgn` $\Rightarrow \nu$
- neutrino (for lepton ell)
`\Pgnl` $\Rightarrow \nu_\ell$
- generic anti-neutrino
`\Pagn` $\Rightarrow \bar{\nu}$
- anti-neutrino (for lepton ell)
`\Pagnl` $\Rightarrow \bar{\nu}_\ell$
- electronic
`\Pe` $\Rightarrow e$
- e plus/minus
`\Pepm` $\Rightarrow e^\pm$
- e minus/plus
`\Pemp` $\Rightarrow e^\mp$
- electron
`\Pem` $\Rightarrow e^-$
- positron
`\Pep` $\Rightarrow e^+$
- muonic
`\Pgm` $\Rightarrow \mu$
- mu plus/minus
`\Pgmpm` $\Rightarrow \mu^\pm$
- mu minus/plus
`\Pgmp` $\Rightarrow \mu^\mp$
- muon
`\Pgmm` $\Rightarrow \mu^-$
- anti-muon
`\Pgmp` $\Rightarrow \mu^+$
- tauonic
`\Pgt` $\Rightarrow \tau$
- tau plus/minus
`\Pgtpm` $\Rightarrow \tau^\pm$
- tau minus/plus
`\Pgtmp` $\Rightarrow \tau^\mp$
- tau lepton
`\Pgtm` $\Rightarrow \tau^-$
- anti-tau
`\Pgtp` $\Rightarrow \tau^+$
- electron neutrino
`\Pgne` $\Rightarrow \nu_e$
- muon neutrino
`\Pgngm` $\Rightarrow \nu_\mu$
- tau neutrino
`\Pngt` $\Rightarrow \nu_\tau$
- electron anti-neutrino
`\Pagne` $\Rightarrow \bar{\nu}_e$
- muon anti-neutrino
`\Pagngm` $\Rightarrow \bar{\nu}_\mu$

- tau anti-neutrino
 $\backslash\text{Pagngt} \Rightarrow \bar{\nu}_\tau$
- quark
 $\backslash\text{Pq} \Rightarrow q$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- down quark
 $\backslash\text{Pqd} \Rightarrow d$
- up quark
 $\backslash\text{Pqu} \Rightarrow u$
- strange quark
 $\backslash\text{Pqs} \Rightarrow s$
- charm quark
 $\backslash\text{Pqc} \Rightarrow c$
- bottom quark
 $\backslash\text{Pqb} \Rightarrow b$
- top quark
 $\backslash\text{Pqt} \Rightarrow t$
- down anti-quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- up anti-quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- strange anti-quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- charm anti-quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- bottom anti-quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- top anti-quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- $\backslash\text{Pqb} \Rightarrow b$
- $\backslash\text{Pqc} \Rightarrow c$
- $\backslash\text{Pqd} \Rightarrow d$
- $\backslash\text{Pqs} \Rightarrow s$
- $\backslash\text{Pqt} \Rightarrow t$
- $\backslash\text{Pqu} \Rightarrow u$
- $\backslash\text{Pq} \Rightarrow q$
- anti-bottom quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- anti-charm quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- anti-down quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- anti-strange quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- anti-top quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- anti-up quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- proton
 $\backslash\text{Pp} \Rightarrow p$
- neutron
 $\backslash\text{Pn} \Rightarrow n$

- anti-proton
 $\backslash\text{Pap} \Rightarrow \bar{p}$
- anti-neutron
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgcii} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$
- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$
- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f_2'(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{PgD} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgDd} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgdF} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgdH} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgdI} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgdJ} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgdK} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL}a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL}b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL}c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL}d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL}e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL}f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash\text{PgL}g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgL}h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PgL}i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgL}j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgL}k \Rightarrow \Lambda(2100) G_{07}$

- $\backslash\text{PgL1} \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PgLm} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{PgO} \Rightarrow \Omega$
- $\backslash\text{PgOpm} \Rightarrow \Omega^\pm$
- $\backslash\text{PgOmp} \Rightarrow \Omega^\mp$
- $\backslash\text{PgOp} \Rightarrow \Omega^+$
- $\backslash\text{PgOm} \Rightarrow \Omega^-$
- $\backslash\text{PgOma} \Rightarrow \Omega(2250)^-$
- new
- $\backslash\text{PagO} \Rightarrow \bar{\Omega}$
- $\backslash\text{PagOp} \Rightarrow \bar{\Omega}^+$
- $\backslash\text{PagOm} \Rightarrow \bar{\Omega}^-$
- $\backslash\text{PgS} \Rightarrow \Sigma$
- $\backslash\text{PgsPm} \Rightarrow \Sigma^\pm$
- $\backslash\text{PgsMp} \Rightarrow \Sigma^\mp$
- $\backslash\text{PgsM} \Rightarrow \Sigma^-$
- $\backslash\text{PgsP} \Rightarrow \Sigma^+$
- $\backslash\text{PgsSz} \Rightarrow \Sigma^0$
- $\backslash\text{PcgS} \Rightarrow \Sigma_c$
- $\backslash\text{PagSm} \Rightarrow \bar{\Sigma}^-$
- $\backslash\text{PagSp} \Rightarrow \bar{\Sigma}^+$
- $\backslash\text{PagSz} \Rightarrow \bar{\Sigma}^0$
- $\backslash\text{PacgS} \Rightarrow \bar{\Sigma}_c$
- $\backslash\text{Pgsa} \Rightarrow \Sigma(1385) P_{13}$
- $\backslash\text{Pgsb} \Rightarrow \Sigma(1660) P_{11}$
- $\backslash\text{PgSc} \Rightarrow \Sigma(1670) D_{13}$
- $\backslash\text{Pgsd} \Rightarrow \Sigma(1750) S_{11}$
- $\backslash\text{PgSe} \Rightarrow \Sigma(1775) D_{15}$
- $\backslash\text{Pgsf} \Rightarrow \Sigma(1915) F_{15}$
- $\backslash\text{PgsG} \Rightarrow \Sigma(1940) D_{13}$
- $\backslash\text{PgsH} \Rightarrow \Sigma(2030) F_{17}$
- $\backslash\text{Pgsi} \Rightarrow \Sigma(2050)$
- $\backslash\text{PcgSi} \Rightarrow \Sigma_c(2455)$
- $\backslash\text{Pgu} \Rightarrow \Upsilon$
- $\backslash\text{Pgui} \Rightarrow \Upsilon(1S)$
- $\backslash\text{PguA} \Rightarrow \Upsilon(2S)$
- $\backslash\text{PguB} \Rightarrow \Upsilon(3S)$
- $\backslash\text{PguC} \Rightarrow \Upsilon(4S)$
- $\backslash\text{PguD} \Rightarrow \Upsilon(10860)$
- $\backslash\text{PguE} \Rightarrow \Upsilon(11020)$
- $\backslash\text{Pgx} \Rightarrow \Xi$
- $\backslash\text{PgxP} \Rightarrow \Xi^+$
- $\backslash\text{PgxM} \Rightarrow \Xi^-$
- $\backslash\text{PgxZ} \Rightarrow \Xi^0$
- $\backslash\text{PgxA} \Rightarrow \Xi(1530) P_{13}$
- $\backslash\text{PgxB} \Rightarrow \Xi(1690)$
- $\backslash\text{PgxC} \Rightarrow \Xi(1820) D_{13}$

- `\PgXd` \Rightarrow $\Xi(1950)$
- `\PgXe` \Rightarrow $\Xi(2030)$
- `\PagXp` \Rightarrow Ξ^+
- `\PagXm` \Rightarrow Ξ^-
- `\PagXz` \Rightarrow Ξ^0
- `\PcgXp` \Rightarrow Ξ_c^+
- `\PcgXz` \Rightarrow Ξ_c^0
- `\Pgf` \Rightarrow ϕ
- `\Pgfi` \Rightarrow $\phi(1020)$
- `\Pgfa` \Rightarrow $\phi(1680)$
- `\Pgfiii` \Rightarrow $\phi_3(1850)$
- `\Pgh` \Rightarrow η
- `\Pghpr` \Rightarrow η'
- `\Pcgh` \Rightarrow η_c
- `\Pggha` \Rightarrow $\eta(1295)$
- `\Pghb` \Rightarrow $\eta(1440)$
- `\Pghpri` \Rightarrow $\eta'(958)$
- `\Pcghi` \Rightarrow $\eta_c(1S)$
- `\Pgo` \Rightarrow ω
- `\Pgoi` \Rightarrow $\omega(783)$
- `\Pgoa` \Rightarrow $\omega(1390)$
- `\Pgob` \Rightarrow $\omega(1600)$
- `\Pgoiii` \Rightarrow $\omega(3)^{1670}$
- pion
- `\Pgp` \Rightarrow π
- charged pion
- `\Pgppm` \Rightarrow π^\pm
- charged pion
- `\Pgppp` \Rightarrow π^\mp
- negative pion
- `\Pgpm` \Rightarrow π^-
- positive pion
- `\Pgpp` \Rightarrow π^+
- neutral pion
- `\Pgpz` \Rightarrow π^0
- `\Pgpa` \Rightarrow $\pi(1300)$
- `\Pgpri` \Rightarrow $\pi_2(1670)$
- resonance removed
- `\Pgr` \Rightarrow ρ
- `\Pgrp` \Rightarrow ρ^+
- `\Pgrm` \Rightarrow ρ^-
- `\Pgrpm` \Rightarrow ρ^\pm
- `\Pgrmp` \Rightarrow ρ^\mp
- `\Pgrz` \Rightarrow ρ^0
- new
- `\Pgri` \Rightarrow $\rho(770)$
- `\Pgra` \Rightarrow $\rho(1450)$
- `\Pgrb` \Rightarrow $\rho(1700)$
- `\Pgriii` \Rightarrow $\rho_3(1690)$

- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgyi \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgyii \Rightarrow \psi(2S)$
- $\backslash Pgya \Rightarrow \psi(3770)$
- $\backslash Pgyb \Rightarrow \psi(4040)$
- $\backslash Pgyc \Rightarrow \psi(4160)$
- $\backslash Pgyd \Rightarrow \psi(4415)$
- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDm \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- new 2005-07-08
 $\backslash PsD \Rightarrow D_s$
- $\backslash PsDm \Rightarrow D_s^-$
- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash Paii \Rightarrow a_2(1320)$
- $\backslash Pai \Rightarrow a_1(1260)$
- $\backslash Paz \Rightarrow a_0(980)$
- $\backslash Pbgcia \Rightarrow \chi_{b1}(2P)$
- $\backslash Pbgciia \Rightarrow \chi_{b2}(2P)$
- $\backslash Pbgcii \Rightarrow \chi_{b2}(1P)$
- $\backslash Pbgci \Rightarrow \chi_{b1}(1P)$
- $\backslash Pbgcza \Rightarrow \chi_{b0}(2P)$
- $\backslash Pbgcz \Rightarrow \chi_{b0}(1P)$
- $\backslash Pbi \Rightarrow b_1(1235)$
- $\backslash Phia \Rightarrow h_1(1170)$

- Higgsino
 $\backslash\text{PSH} \Rightarrow \tilde{H}$
- positive Higgsino
 $\backslash\text{PSHp} \Rightarrow \tilde{H}^+$
- negative Higgsino
 $\backslash\text{PSHm} \Rightarrow \tilde{H}^-$
- charged Higgsino
 $\backslash\text{PSHpm} \Rightarrow \tilde{H}^\pm$
- charged Higgsino
 $\backslash\text{PSHmp} \Rightarrow \tilde{H}^\mp$
- neutral Higgsino
 $\backslash\text{PSHz} \Rightarrow \tilde{H}^0$
- wino
 $\backslash\text{PSW} \Rightarrow \tilde{W}$
- positive wino
 $\backslash\text{PSWp} \Rightarrow \tilde{W}^+$
- negative wino
 $\backslash\text{PSWm} \Rightarrow \tilde{W}^-$
- wino pm
 $\backslash\text{PSWpm} \Rightarrow \tilde{W}^\pm$
- wino mp
 $\backslash\text{PSWmp} \Rightarrow \tilde{W}^\mp$
- zino
 $\backslash\text{PSZ} \Rightarrow \tilde{Z}$
- zino
 $\backslash\text{PSZz} \Rightarrow \tilde{Z}^0$
- bino
 $\backslash\text{PSB} \Rightarrow \tilde{B}$
- selectron
 $\backslash\text{PSe} \Rightarrow \tilde{e}$
- photino
 $\backslash\text{PSgg} \Rightarrow \tilde{\gamma}$
- smuon
 $\backslash\text{PSgm} \Rightarrow \tilde{\mu}$
- sneutrino
 $\backslash\text{PSgn} \Rightarrow \tilde{\nu}$
- stau
 $\backslash\text{PSgt} \Rightarrow \tilde{\tau}$
- chargino/neutralino
 $\backslash\text{PSgx} \Rightarrow \tilde{\chi}$
- chargino pm
 $\backslash\text{PSgxpm} \Rightarrow \tilde{\chi}^\pm$
- chargino mp
 $\backslash\text{PSgxmp} \Rightarrow \tilde{\chi}^\mp$
- neutralino
 $\backslash\text{PSgxz} \Rightarrow \tilde{\chi}^0$
- lightest neutralino
 $\backslash\text{PSgxzi} \Rightarrow \tilde{\chi}_1^0$
- next-to-lightest neutralino
 $\backslash\text{PSgxzii} \Rightarrow \tilde{\chi}_2^0$
- gluino
 $\backslash\text{PSg} \Rightarrow \tilde{g}$
- slepton (generic)
 $\backslash\text{PSl} \Rightarrow \tilde{\ell}$
- anti-slepton (generic)
 $\backslash\text{PaSl} \Rightarrow \tilde{\ell}$

- squark (generic)
 $\backslash\text{PSq} \Rightarrow \tilde{q}$
- anti-squark (generic)
 $\backslash\text{PaSq} \Rightarrow \tilde{\bar{q}}$
- down squark
 $\backslash\text{PSqd} \Rightarrow \tilde{d}$
- up squark
 $\backslash\text{PSqu} \Rightarrow \tilde{u}$
- strange squark
 $\backslash\text{PSqs} \Rightarrow \tilde{s}$
- charm squark
 $\backslash\text{PSqc} \Rightarrow \tilde{c}$
- bottom squark (sbottom)
 $\backslash\text{PSqb} \Rightarrow \tilde{b}$
- top squark (stop)
 $\backslash\text{PSqt} \Rightarrow \tilde{t}$
- anti-down squark
 $\backslash\text{PaSqd} \Rightarrow \tilde{\bar{d}}$
- anti-up squark
 $\backslash\text{PaSqu} \Rightarrow \tilde{\bar{u}}$
- anti-strange squark
 $\backslash\text{PaSqs} \Rightarrow \tilde{\bar{s}}$
- anti-charm squark
 $\backslash\text{PaSqc} \Rightarrow \tilde{\bar{c}}$
- anti-bottom squark
 $\backslash\text{PaSqb} \Rightarrow \tilde{\bar{b}}$
- anti-top squark (stop)
 $\backslash\text{PaSqt} \Rightarrow \tilde{\bar{t}}$

2 Bold font

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- K-short
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- `\PKzeiii` \Rightarrow K $_{e3}^0$
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- `\PNe` \Rightarrow $N(1675) D_{15}$
- `\PNf` \Rightarrow $N(1680) F_{15}$
- `\PNg` \Rightarrow $N(1700) D_{13}$
- `\PNh` \Rightarrow $N(1710) P_{11}$
- `\PNI` \Rightarrow $N(1720) P_{13}$
- `\PNj` \Rightarrow $N(2190) G_{17}$
- `\PNk` \Rightarrow $N(2220) H_{19}$
- `\PNl` \Rightarrow $N(2250) G_{19}$
- `\PNm` \Rightarrow $N(2600) I_{1,11}$
- gluon
`\Pg` \Rightarrow g
- photon
`\Pgg` \Rightarrow γ
- photon*
`\Pggx` \Rightarrow γ^*
- W boson
`\PW` \Rightarrow W
- charged W boson
`\PWpm` \Rightarrow W^\pm
- charged W boson
`\PWmp` \Rightarrow W^\mp
- W-plus
`\PWp` \Rightarrow W^+
- W-minus
`\PWm` \Rightarrow W^-
- `\PWR` \Rightarrow W_R
- W-prime boson
`\PWpr` \Rightarrow W'
- Z boson
`\PZ` \Rightarrow Z
- neutral Z boson
`\PZz` \Rightarrow Z^0
- Z-prime boson
`\PZpr` \Rightarrow Z'
- left-right Z boson
`\PZLR` \Rightarrow Z_{LR}

- $\backslash\text{PZgc} \Rightarrow Z_\chi$
- $\backslash\text{PZge} \Rightarrow Z_\eta$
- $\backslash\text{PZgy} \Rightarrow Z_\psi$
- $\backslash\text{PZi} \Rightarrow Z_1$
- axion
 $\backslash\text{PAz} \Rightarrow A^0$
- standard/heavy Higgs
 $\backslash\text{PH} \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\backslash\text{PHz} \Rightarrow H^0$
- light Higgs
 $\backslash\text{Ph} \Rightarrow h$
- explicitly neutral light Higgs
 $\backslash\text{Phz} \Rightarrow h^0$
- pseudoscalar Higgs
 $\backslash\text{PA} \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\backslash\text{PAz} \Rightarrow A^0$
- charged Higgs
 $\backslash\text{PHpm} \Rightarrow H^\pm$
- charged Higgs
 $\backslash\text{PHmp} \Rightarrow H^\mp$
- positive-charged Higgs
 $\backslash\text{PHp} \Rightarrow H^+$
- negative-charged Higgs
 $\backslash\text{PHm} \Rightarrow H^-$
- fermion
 $\backslash\text{Pf} \Rightarrow f$
- charged fermion
 $\backslash\text{Pfpm} \Rightarrow f^\pm$
- charged fermion
 $\backslash\text{Pfmp} \Rightarrow f^\mp$
- positive fermion
 $\backslash\text{Pfp} \Rightarrow f^+$
- negative fermion
 $\backslash\text{Pfm} \Rightarrow f^-$
- anti-fermion
 $\backslash\text{Paf} \Rightarrow \bar{f}$
- lepton
 $\backslash\text{Pl} \Rightarrow \ell$
- charged lepton
 $\backslash\text{Plpm} \Rightarrow \ell^\pm$
- charged lepton
 $\backslash\text{Plmp} \Rightarrow \ell^\mp$
- positive lepton
 $\backslash\text{Plp} \Rightarrow \ell^+$
- negative lepton
 $\backslash\text{Plm} \Rightarrow \ell^-$
- anti-lepton
 $\backslash\text{Pal} \Rightarrow \bar{\ell}$
- generic neutrino
 $\backslash\text{Pgn} \Rightarrow \nu$

- neutrino (for lepton ell)
 $\backslash\text{Pgnl} \Rightarrow \nu_\ell$
- generic anti-neutrino
 $\backslash\text{Pagn} \Rightarrow \bar{\nu}$
- anti-neutrino (for lepton ell)
 $\backslash\text{Pagnl} \Rightarrow \bar{\nu}_\ell$
- electronic
 $\backslash\text{Pe} \Rightarrow e$
- e plus/minus
 $\backslash\text{Pepm} \Rightarrow e^\pm$
- e minus/plus
 $\backslash\text{Pemp} \Rightarrow e^\mp$
- electron
 $\backslash\text{Pem} \Rightarrow e^-$
- positron
 $\backslash\text{Pep} \Rightarrow e^+$
- muonic
 $\backslash\text{Pgm} \Rightarrow \mu$
- mu plus/minus
 $\backslash\text{Pgmpm} \Rightarrow \mu^\pm$
- mu minus/plus
 $\backslash\text{Pgmp} \Rightarrow \mu^\mp$
- muon
 $\backslash\text{Pgmm} \Rightarrow \mu^-$
- anti-muon
 $\backslash\text{Pgmp} \Rightarrow \mu^+$
- tauonic
 $\backslash\text{Pgt} \Rightarrow \tau$
- tau plus/minus
 $\backslash\text{Pgtpm} \Rightarrow \tau^\pm$
- tau minus/plus
 $\backslash\text{Pgtmp} \Rightarrow \tau^\mp$
- tau lepton
 $\backslash\text{Pgtm} \Rightarrow \tau^-$
- anti-tau
 $\backslash\text{Pgtp} \Rightarrow \tau^+$
- electron neutrino
 $\backslash\text{Pgne} \Rightarrow \nu_e$
- muon neutrino
 $\backslash\text{Pgngm} \Rightarrow \nu_\mu$
- tau neutrino
 $\backslash\text{Pgngt} \Rightarrow \nu_\tau$
- electron anti-neutrino
 $\backslash\text{Pagne} \Rightarrow \bar{\nu}_e$
- muon anti-neutrino
 $\backslash\text{Pagngm} \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino
 $\backslash\text{Pagngt} \Rightarrow \bar{\nu}_\tau$
- quark
 $\backslash\text{Pq} \Rightarrow q$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- down quark
 $\backslash\text{Pqd} \Rightarrow d$
- up quark
 $\backslash\text{Pqu} \Rightarrow u$

- strange quark
 $\backslash\text{Pqs} \Rightarrow s$
- charm quark
 $\backslash\text{Pqc} \Rightarrow c$
- bottom quark
 $\backslash\text{Pqb} \Rightarrow b$
- top quark
 $\backslash\text{Pqt} \Rightarrow t$
- down anti-quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- up anti-quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- strange anti-quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- charm anti-quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- bottom anti-quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- top anti-quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- $\backslash\text{Pqb} \Rightarrow b$
- $\backslash\text{Pqc} \Rightarrow c$
- $\backslash\text{Pqd} \Rightarrow d$
- $\backslash\text{Pqs} \Rightarrow s$
- $\backslash\text{Pqt} \Rightarrow t$
- $\backslash\text{Pqu} \Rightarrow u$
- $\backslash\text{Pq} \Rightarrow q$
- anti-bottom quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- anti-charm quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- anti-down quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- anti-strange quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- anti-top quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- anti-up quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- proton
 $\backslash\text{Pp} \Rightarrow p$
- neutron
 $\backslash\text{Pn} \Rightarrow n$
- anti-proton
 $\backslash\text{Pap} \Rightarrow \bar{p}$
- anti-neutron
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgcii} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$

- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$
- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f'_2(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{PgD} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgDd} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgDf} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgDh} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgDi} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgDj} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgDk} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL a} \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL b} \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL c} \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL d} \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL e} \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL f} \Rightarrow \Lambda(1800) S_{01}$
- $\backslash\text{PgL g} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgL h} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PgL i} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgL j} \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgL k} \Rightarrow \Lambda(2100) G_{07}$
- $\backslash\text{PgL l} \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PgL m} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{PgO} \Rightarrow \Omega$
- $\backslash\text{PgOpm} \Rightarrow \Omega^\pm$
- $\backslash\text{PgOmp} \Rightarrow \Omega^\mp$
- $\backslash\text{PgOp} \Rightarrow \Omega^+$
- $\backslash\text{PgOm} \Rightarrow \Omega^-$

- $\backslash\text{PgOma} \Rightarrow \Omega(2250)^-$
- new
- $\backslash\text{PagO} \Rightarrow \bar{\Omega}$
- $\backslash\text{PagOp} \Rightarrow \bar{\Omega}^+$
- $\backslash\text{PagOm} \Rightarrow \bar{\Omega}^-$
- $\backslash\text{PgS} \Rightarrow \Sigma$
- $\backslash\text{PgSpm} \Rightarrow \Sigma^\pm$
- $\backslash\text{PgSmp} \Rightarrow \Sigma^\mp$
- $\backslash\text{PgSm} \Rightarrow \Sigma^-$
- $\backslash\text{PgSp} \Rightarrow \Sigma^+$
- $\backslash\text{Pgz} \Rightarrow \Sigma^0$
- $\backslash\text{PcgS} \Rightarrow \Sigma_c$
- $\backslash\text{PagSm} \Rightarrow \bar{\Sigma}^-$
- $\backslash\text{PagSp} \Rightarrow \bar{\Sigma}^+$
- $\backslash\text{PagSz} \Rightarrow \bar{\Sigma}^0$
- $\backslash\text{PacgS} \Rightarrow \bar{\Sigma}_c$
- $\backslash\text{Pgsa} \Rightarrow \Sigma(1385) P_{13}$
- $\backslash\text{Pgsb} \Rightarrow \Sigma(1660) P_{11}$
- $\backslash\text{PgsC} \Rightarrow \Sigma(1670) D_{13}$
- $\backslash\text{Pgsd} \Rightarrow \Sigma(1750) S_{11}$
- $\backslash\text{Pgse} \Rightarrow \Sigma(1775) D_{15}$
- $\backslash\text{Pgsf} \Rightarrow \Sigma(1915) F_{15}$
- $\backslash\text{PgsG} \Rightarrow \Sigma(1940) D_{13}$
- $\backslash\text{PgSh} \Rightarrow \Sigma(2030) F_{17}$
- $\backslash\text{Pgsi} \Rightarrow \Sigma(2050)$
- $\backslash\text{PcgSi} \Rightarrow \Sigma_c(2455)$
- $\backslash\text{Pgu} \Rightarrow \Upsilon$
- $\backslash\text{Pgui} \Rightarrow \Upsilon(1S)$
- $\backslash\text{PguA} \Rightarrow \Upsilon(2S)$
- $\backslash\text{PguB} \Rightarrow \Upsilon(3S)$
- $\backslash\text{PguC} \Rightarrow \Upsilon(4S)$
- $\backslash\text{PguD} \Rightarrow \Upsilon(10860)$
- $\backslash\text{PguE} \Rightarrow \Upsilon(11020)$
- $\backslash\text{Pgx} \Rightarrow \Xi$
- $\backslash\text{PgxP} \Rightarrow \Xi^+$
- $\backslash\text{PgxM} \Rightarrow \Xi^-$
- $\backslash\text{PgxZ} \Rightarrow \Xi^0$
- $\backslash\text{PgxA} \Rightarrow \Xi(1530) P_{13}$
- $\backslash\text{PgxB} \Rightarrow \Xi(1690)$
- $\backslash\text{PgxC} \Rightarrow \Xi(1820) D_{13}$
- $\backslash\text{PgxD} \Rightarrow \Xi(1950)$
- $\backslash\text{PgxE} \Rightarrow \Xi(2030)$
- $\backslash\text{PagXp} \Rightarrow \bar{\Xi}^+$
- $\backslash\text{PagXm} \Rightarrow \bar{\Xi}^-$
- $\backslash\text{PagXz} \Rightarrow \bar{\Xi}^0$
- $\backslash\text{PcgXp} \Rightarrow \bar{\Xi}_c^+$
- $\backslash\text{PcgXz} \Rightarrow \bar{\Xi}_c^0$

- $\backslash\text{Pgf} \Rightarrow \phi$
- $\backslash\text{Pgfi} \Rightarrow \phi(1020)$
- $\backslash\text{Pgfa} \Rightarrow \phi(1680)$
- $\backslash\text{Pgfiii} \Rightarrow \phi_3(1850)$
- $\backslash\text{Pgh} \Rightarrow \eta$
- $\backslash\text{Pghpr} \Rightarrow \eta'$
- $\backslash\text{Pcgh} \Rightarrow \eta_c$
- $\backslash\text{Pgha} \Rightarrow \eta(1295)$
- $\backslash\text{Pghb} \Rightarrow \eta(1440)$
- $\backslash\text{Pghpri} \Rightarrow \eta'(958)$
- $\backslash\text{Pcghi} \Rightarrow \eta_c(1S)$
- $\backslash\text{Pgo} \Rightarrow \omega$
- $\backslash\text{Pgoi} \Rightarrow \omega(783)$
- $\backslash\text{Pgoa} \Rightarrow \omega(1390)$
- $\backslash\text{Pgob} \Rightarrow \omega(1600)$
- $\backslash\text{Pgoiii} \Rightarrow \omega(3)^{1670}$
- pion
 - $\backslash\text{Pgp} \Rightarrow \pi$
- charged pion
 - $\backslash\text{Pgppm} \Rightarrow \pi^\pm$
- charged pion
 - $\backslash\text{Pgpmp} \Rightarrow \pi^\mp$
- negative pion
 - $\backslash\text{Pgpm} \Rightarrow \pi^-$
- positive pion
 - $\backslash\text{Pgpp} \Rightarrow \pi^+$
- neutral pion
 - $\backslash\text{Pgpz} \Rightarrow \pi^0$
- $\backslash\text{Pgpa} \Rightarrow \pi(1300)$
- $\backslash\text{Pgprii} \Rightarrow \pi_2(1670)$
- resonance removed
 - $\backslash\text{Pgr} \Rightarrow \rho$
- $\backslash\text{Pgrp} \Rightarrow \rho^+$
- $\backslash\text{Pgrm} \Rightarrow \rho^-$
- $\backslash\text{Pgrpm} \Rightarrow \rho^\pm$
- $\backslash\text{Pgrmp} \Rightarrow \rho^\mp$
- $\backslash\text{Pgrz} \Rightarrow \rho^0$
- new
 - $\backslash\text{Pgri} \Rightarrow \rho(770)$
- $\backslash\text{Pgra} \Rightarrow \rho(1450)$
- $\backslash\text{Pgrb} \Rightarrow \rho(1700)$
- $\backslash\text{Pgriii} \Rightarrow \rho_3(1690)$
- $\backslash\text{PJgy} \Rightarrow J/\psi$
- $\backslash\text{PJgyi} \Rightarrow J/\psi(1S)$
- $\backslash\text{Pgy} \Rightarrow \psi$
- $\backslash\text{Pgyii} \Rightarrow \psi(2S)$
- $\backslash\text{Pgya} \Rightarrow \psi(3770)$
- $\backslash\text{Pgyb} \Rightarrow \psi(4040)$
- $\backslash\text{Pgyc} \Rightarrow \psi(4160)$

- $\backslash\text{Pgyd} \Rightarrow \psi(4415)$
- $\backslash\text{PD} \Rightarrow \text{D}$
- $\backslash\text{PDpm} \Rightarrow \text{D}^\pm$
- $\backslash\text{PDmp} \Rightarrow \text{D}^\mp$
- $\backslash\text{PDz} \Rightarrow \text{D}^0$
- $\backslash\text{PDm} \Rightarrow \text{D}^-$
- $\backslash\text{PDp} \Rightarrow \text{D}^+$
- $\backslash\text{PDst} \Rightarrow \text{D}^*$
- $\backslash\text{PaD} \Rightarrow \bar{\text{D}}$
- $\backslash\text{PaDz} \Rightarrow \bar{\text{D}}^0$
- new 2005-07-08
 $\backslash\text{PsD} \Rightarrow \text{D}_s$
- $\backslash\text{PsDm} \Rightarrow \text{D}_s^-$
- $\backslash\text{PsDp} \Rightarrow \text{D}_s^+$
- $\backslash\text{PsDpm} \Rightarrow \text{D}_s^\pm$
- $\backslash\text{PsDmp} \Rightarrow \text{D}_s^\mp$
- $\backslash\text{PsDst} \Rightarrow \text{D}_s^*$
- $\backslash\text{PsDipm} \Rightarrow \text{D}_{s1}(2536)^\pm$
- $\backslash\text{PsDimp} \Rightarrow \text{D}_{s1}(2536)^\mp$
- $\backslash\text{PDiz} \Rightarrow \text{D}_1(2420)^0$
- $\backslash\text{PDstiiz} \Rightarrow \text{D}_2^*(2460)^0$
- $\backslash\text{PDstpm} \Rightarrow \text{D}^*(2010)^\pm$
- $\backslash\text{PDstmp} \Rightarrow \text{D}^*(2010)^\mp$
- $\backslash\text{PDstz} \Rightarrow \text{D}^*(2010)^0$
- $\backslash\text{PEz} \Rightarrow \text{E}^0$
- $\backslash\text{PLpm} \Rightarrow \text{L}^\pm$
- $\backslash\text{PLmp} \Rightarrow \text{L}^\mp$
- $\backslash\text{PLz} \Rightarrow \text{L}^0$
- $\backslash\text{Paii} \Rightarrow \text{a}_2(1320)$
- $\backslash\text{Pai} \Rightarrow \text{a}_1(1260)$
- $\backslash\text{Paz} \Rightarrow \text{a}_0(980)$
- $\backslash\text{Pbgcia} \Rightarrow \chi_{b1}(2\text{P})$
- $\backslash\text{Pbgciia} \Rightarrow \chi_{b2}(2\text{P})$
- $\backslash\text{Pbgcii} \Rightarrow \chi_{b2}(1\text{P})$
- $\backslash\text{Pbgci} \Rightarrow \chi_{b1}(1\text{P})$
- $\backslash\text{Pbgcza} \Rightarrow \chi_{b0}(2\text{P})$
- $\backslash\text{Pbgcz} \Rightarrow \chi_{b0}(1\text{P})$
- $\backslash\text{Pbi} \Rightarrow \text{b}_1(1235)$
- $\backslash\text{Phia} \Rightarrow \text{h}_1(1170)$
- Higgsino
 $\backslash\text{PSH} \Rightarrow \tilde{\text{H}}$
- positive Higgsino
 $\backslash\text{PSHp} \Rightarrow \tilde{\text{H}}^+$
- negative Higgsino
 $\backslash\text{PSHm} \Rightarrow \tilde{\text{H}}^-$
- charged Higgsino
 $\backslash\text{PSHpm} \Rightarrow \tilde{\text{H}}^\pm$

- charged Higgsino
`\PSHmp` $\Rightarrow \tilde{H}^\mp$
- neutral Higgsino
`\PSHz` $\Rightarrow \tilde{H}^0$
- wino
`\PSW` $\Rightarrow \tilde{W}$
- positive wino
`\PSWp` $\Rightarrow \tilde{W}^+$
- negative wino
`\PSWm` $\Rightarrow \tilde{W}^-$
- wino pm
`\PSWpm` $\Rightarrow \tilde{W}^\pm$
- wino mp
`\PSWmp` $\Rightarrow \tilde{W}^\mp$
- zino
`\PSZ` $\Rightarrow \tilde{Z}$
- zino
`\PSZz` $\Rightarrow \tilde{Z}^0$
- bino
`\PSB` $\Rightarrow \tilde{B}$
- selectron
`\PSe` $\Rightarrow \tilde{e}$
- photino
`\PSgg` $\Rightarrow \tilde{\gamma}$
- smuon
`\PSgm` $\Rightarrow \tilde{\mu}$
- sneutrino
`\PSgn` $\Rightarrow \tilde{\nu}$
- stau
`\PSgt` $\Rightarrow \tilde{\tau}$
- chargino/neutralino
`\PSgx` $\Rightarrow \tilde{\chi}$
- chargino pm
`\PSgxpm` $\Rightarrow \tilde{\chi}^\pm$
- chargino mp
`\PSgxmp` $\Rightarrow \tilde{\chi}^\mp$
- neutralino
`\PSgxz` $\Rightarrow \tilde{\chi}^0$
- lightest neutralino
`\PSgxzi` $\Rightarrow \tilde{\chi}_1^0$
- next-to-lightest neutralino
`\PSgxzii` $\Rightarrow \tilde{\chi}_2^0$
- gluino
`\PSg` $\Rightarrow \tilde{g}$
- slepton (generic)
`\PSl` $\Rightarrow \tilde{\ell}$
- anti-slepton (generic)
`\PaSl` $\Rightarrow \tilde{\bar{\ell}}$
- squark (generic)
`\PSq` $\Rightarrow \tilde{q}$
- anti-squark (generic)
`\PaSq` $\Rightarrow \tilde{\bar{q}}$
- down squark
`\PSqd` $\Rightarrow \tilde{d}$
- up squark
`\PSqu` $\Rightarrow \tilde{u}$

- strange squark

$$\backslash\text{PSqs} \Rightarrow \tilde{s}$$

- charm squark

$$\backslash\text{PSqc} \Rightarrow \tilde{c}$$

- bottom squark (sbottom)

$$\backslash\text{PSqb} \Rightarrow \tilde{b}$$

- top squark (stop)

$$\backslash\text{PSqt} \Rightarrow \tilde{t}$$

- anti-down squark

$$\backslash\text{PaSqd} \Rightarrow \bar{\tilde{d}}$$

- anti-up squark

$$\backslash\text{PaSqu} \Rightarrow \bar{\tilde{u}}$$

- anti-strange squark

$$\backslash\text{PaSqs} \Rightarrow \bar{\tilde{s}}$$

- anti-charm squark

$$\backslash\text{PaSqc} \Rightarrow \bar{\tilde{c}}$$

- anti-bottom squark

$$\backslash\text{PaSqb} \Rightarrow \bar{\tilde{b}}$$

- anti-top squark (stop)

$$\backslash\text{PaSqt} \Rightarrow \bar{\tilde{t}}$$

3 Italic font

- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^\pm$
- $\backslash PBmp \Rightarrow B^\mp$
- $\backslash PBp \Rightarrow B^+$
- $\backslash PBm \Rightarrow B^-$
- $\backslash PBz \Rightarrow B^0$
- $\backslash PBst \Rightarrow B^*$
- $\backslash PdB \Rightarrow B_d^0$
- $\backslash PuB \Rightarrow B^+$
- $\backslash PcB \Rightarrow B_c^+$
- $\backslash PsB \Rightarrow B_s^0$
- $\backslash PaB \Rightarrow \bar{B}$
- $\backslash PaBz \Rightarrow \bar{B}^0$
- $\backslash PadB \Rightarrow \bar{B}_d^0$
- $\backslash PauB \Rightarrow B^-$
- $\backslash PacB \Rightarrow B_c^-$
- $\backslash PasB \Rightarrow \bar{B}_s^0$
- *kaon*
 $\backslash PK \Rightarrow K$
- *charged kaon*
 $\backslash PKpm \Rightarrow K^\pm$
- *charged kaon*
 $\backslash PKmp \Rightarrow K^\mp$
- *negative kaon*
 $\backslash PKm \Rightarrow K^-$
- *positive kaon*
 $\backslash PKp \Rightarrow K^+$
- *neutral kaon*
 $\backslash PKz \Rightarrow K^0$
- *K-long*
 $\backslash PKzL \Rightarrow K_L^0$
- *K-short*
 $\backslash PKzS \Rightarrow K_S^0$
- *K star*
 $\backslash PKst \Rightarrow K^*$
- *anti-kaon*
 $\backslash PaK \Rightarrow \bar{K}$
- *neutral anti-kaon*
 $\backslash PaKz \Rightarrow \bar{K}^0$
- $\backslash PKeiii \Rightarrow K_{e3}$
- $\backslash PKgmiii \Rightarrow K_{\mu3}$
- $\backslash PKzeiii \Rightarrow K_{e3}^0$
- $\backslash PKzgmiii \Rightarrow K_{\mu3}^0$
- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$

- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$
- *gluon*
 $\backslash Pg \Rightarrow g$
- *photon*
 $\backslash Pgg \Rightarrow \gamma$
- *photon**
 $\backslash Pggx \Rightarrow \gamma^*$
- *W boson*
 $\backslash PW \Rightarrow W$
- *charged W boson*
 $\backslash PWpm \Rightarrow W^\pm$
- *charged W boson*
 $\backslash PWmp \Rightarrow W^\mp$
- *W-plus*
 $\backslash PWp \Rightarrow W^+$
- *W-minus*
 $\backslash PWm \Rightarrow W^-$
- $\backslash PWR \Rightarrow W_R$
- *W-prime boson*
 $\backslash PWpr \Rightarrow W'$
- *Z boson*
 $\backslash PZ \Rightarrow Z$
- *neutral Z boson*
 $\backslash PZz \Rightarrow Z^0$
- *Z-prime boson*
 $\backslash PZpr \Rightarrow Z'$
- *left-right Z boson*
 $\backslash PZLR \Rightarrow Z_{LR}$

- $\backslash PZgc \Rightarrow Z_\chi$
- $\backslash PZge \Rightarrow Z_\eta$
- $\backslash PZgy \Rightarrow Z_\psi$
- $\backslash PZi \Rightarrow Z_1$
- *axion*
 $\backslash PAz \Rightarrow A^0$
- *standard/heavy Higgs*
 $\backslash PH \Rightarrow H$
- *explicitly neutral standard/heavy Higgs*
 $\backslash PHz \Rightarrow H^0$
- *light Higgs*
 $\backslash Ph \Rightarrow h$
- *explicitly neutral light Higgs*
 $\backslash Phz \Rightarrow h^0$
- *pseudoscalar Higgs*
 $\backslash PA \Rightarrow A$
- *explicitly neutral pseudoscalar Higgs*
 $\backslash PAz \Rightarrow A^0$
- *charged Higgs*
 $\backslash PHpm \Rightarrow H^\pm$
- *charged Higgs*
 $\backslash PHmp \Rightarrow H^\mp$
- *positive-charged Higgs*
 $\backslash PHp \Rightarrow H^+$
- *negative-charged Higgs*
 $\backslash PHm \Rightarrow H^-$
- *fermion*
 $\backslash Pf \Rightarrow f$
- *charged fermion*
 $\backslash Pfpm \Rightarrow f^\pm$
- *charged fermion*
 $\backslash Pfmp \Rightarrow f^\mp$
- *positive fermion*
 $\backslash Pfp \Rightarrow f^+$
- *negative fermion*
 $\backslash Pfm \Rightarrow f^-$
- *anti-fermion*
 $\backslash Paf \Rightarrow \bar{f}$
- *lepton*
 $\backslash Pl \Rightarrow \ell$
- *charged lepton*
 $\backslash Plpm \Rightarrow \ell^\pm$
- *charged lepton*
 $\backslash Plmp \Rightarrow \ell^\mp$
- *positive lepton*
 $\backslash Plp \Rightarrow \ell^+$
- *negative lepton*
 $\backslash Plm \Rightarrow \ell^-$
- *anti-lepton*
 $\backslash Pal \Rightarrow \bar{\ell}$
- *generic neutrino*
 $\backslash Pgn \Rightarrow \nu$
- *neutrino (for lepton ell)*
 $\backslash Pgnl \Rightarrow \nu_\ell$

- *generic anti-neutrino*
 $\backslash Pagnl \Rightarrow \bar{\nu}$
- *anti-neutrino (for lepton ell)*
 $\backslash Pagnl \Rightarrow \bar{\nu}_\ell$
- *electronic*
 $\backslash Pe \Rightarrow e$
- *e plus/minus*
 $\backslash Pepm \Rightarrow e^\pm$
- *e minus/plus*
 $\backslash Pemp \Rightarrow e^\mp$
- *electron*
 $\backslash Pem \Rightarrow e^-$
- *positron*
 $\backslash Pep \Rightarrow e^+$
- *muonic*
 $\backslash Pgm \Rightarrow \mu$
- *mu plus/minus*
 $\backslash Pgm\pm \Rightarrow \mu^\pm$
- *mu minus/plus*
 $\backslash Pgm\mp \Rightarrow \mu^\mp$
- *muon*
 $\backslash Pgm\bar{m} \Rightarrow \mu^-$
- *anti-muon*
 $\backslash Pgm\pm \Rightarrow \mu^+$
- *tauonic*
 $\backslash Pgt \Rightarrow \tau$
- *tau plus/minus*
 $\backslash Pgt\pm \Rightarrow \tau^\pm$
- *tau minus/plus*
 $\backslash Pgt\mp \Rightarrow \tau^\mp$
- *tau lepton*
 $\backslash Pgtm \Rightarrow \tau^-$
- *anti-tau*
 $\backslash Pgt\pm \Rightarrow \tau^+$
- *electron neutrino*
 $\backslash Pgne \Rightarrow \nu_e$
- *muon neutrino*
 $\backslash Pgn\mu \Rightarrow \nu_\mu$
- *tau neutrino*
 $\backslash Pgn\tau \Rightarrow \nu_\tau$
- *electron anti-neutrino*
 $\backslash Pagne \Rightarrow \bar{\nu}_e$
- *muon anti-neutrino*
 $\backslash Pagn\bar{\mu} \Rightarrow \bar{\nu}_\mu$
- *tau anti-neutrino*
 $\backslash Pagn\bar{\tau} \Rightarrow \bar{\nu}_\tau$
- *quark*
 $\backslash Pq \Rightarrow q$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *down quark*
 $\backslash Pqd \Rightarrow d$
- *up quark*
 $\backslash Pqu \Rightarrow u$
- *strange quark*
 $\backslash Pqs \Rightarrow s$

- *charm quark*
 $\backslash Pqc \Rightarrow c$
- *bottom quark*
 $\backslash Pqb \Rightarrow b$
- *top quark*
 $\backslash Pqt \Rightarrow t$
- *down anti-quark*
 $\backslash Paqd \Rightarrow \bar{d}$
- *up anti-quark*
 $\backslash Paqu \Rightarrow \bar{u}$
- *strange anti-quark*
 $\backslash Paqs \Rightarrow \bar{s}$
- *charm anti-quark*
 $\backslash Paqc \Rightarrow \bar{c}$
- *bottom anti-quark*
 $\backslash Paqb \Rightarrow \bar{b}$
- *top anti-quark*
 $\backslash Paqt \Rightarrow \bar{t}$
- $\backslash Pqb \Rightarrow b$
- $\backslash Pqc \Rightarrow c$
- $\backslash Pqd \Rightarrow d$
- $\backslash Pqs \Rightarrow s$
- $\backslash Pqt \Rightarrow t$
- $\backslash Pqu \Rightarrow u$
- $\backslash Pq \Rightarrow q$
- *anti-bottom quark*
 $\backslash Paqb \Rightarrow \bar{b}$
- *anti-charm quark*
 $\backslash Paqc \Rightarrow \bar{c}$
- *anti-down quark*
 $\backslash Paqd \Rightarrow \bar{d}$
- *anti-strange quark*
 $\backslash Paqs \Rightarrow \bar{s}$
- *anti-top quark*
 $\backslash Paqt \Rightarrow \bar{t}$
- *anti-up quark*
 $\backslash Paqu \Rightarrow \bar{u}$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *proton*
 $\backslash Pp \Rightarrow p$
- *neutron*
 $\backslash Pn \Rightarrow n$
- *anti-proton*
 $\backslash Pap \Rightarrow \bar{p}$
- *anti-neutron*
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgc i \Rightarrow \chi_{c1}(1P)$
- $\backslash Pcgc z \Rightarrow \chi_{c0}(1P)$

- $\backslash Pfi a \Rightarrow f_1(1390)$
- $\backslash Pfib \Rightarrow f_1(1510)$
- $\backslash Pfiia \Rightarrow f_2(1720)$
- $\backslash Pfiib \Rightarrow f_2(2010)$
- $\backslash Pfiic \Rightarrow f_2(2300)$
- $\backslash Pfiid \Rightarrow f_2(2340)$
- $\backslash Pfiipr \Rightarrow f'_2(1525)$
- $\backslash Pfii \Rightarrow f_2(1270)$
- $\backslash Pfi v \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$
- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash Pgd \Rightarrow \Delta$
- $\backslash Pgd a \Rightarrow \Delta(1232) P_{33}$
- $\backslash Pgd b \Rightarrow \Delta(1620) S_{31}$
- $\backslash Pgd c \Rightarrow \Delta(1700) D_{33}$
- $\backslash Pgd d \Rightarrow \Delta(1900) S_{31}$
- $\backslash Pgd e \Rightarrow \Delta(1905) F_{35}$
- $\backslash Pgd f \Rightarrow \Delta(1910) P_{31}$
- $\backslash Pgd h \Rightarrow \Delta(1920) P_{33}$
- $\backslash Pgd i \Rightarrow \Delta(1930) D_{35}$
- $\backslash Pgd j \Rightarrow \Delta(1950) F_{37}$
- $\backslash Pgd k \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$
- $\backslash PgOma \Rightarrow \Omega(2250)^-$

- *new*
- $\backslash PagO \Rightarrow \bar{\Omega}$
- $\backslash PagOp \Rightarrow \bar{\Omega}^+$
- $\backslash PagOm \Rightarrow \bar{\Omega}^-$
- $\backslash PgS \Rightarrow \Sigma$
- $\backslash PgSpm \Rightarrow \Sigma^\pm$
- $\backslash PgSmp \Rightarrow \Sigma^\mp$
- $\backslash PgSm \Rightarrow \Sigma^-$
- $\backslash PgSp \Rightarrow \Sigma^+$
- $\backslash PgSz \Rightarrow \Sigma^0$
- $\backslash Pcgs \Rightarrow \Sigma_c$
- $\backslash PagSm \Rightarrow \bar{\Sigma}^-$
- $\backslash PagSp \Rightarrow \bar{\Sigma}^+$
- $\backslash PagSz \Rightarrow \bar{\Sigma}^0$
- $\backslash Pacgs \Rightarrow \bar{\Sigma}_c$
- $\backslash PgSa \Rightarrow \Sigma(1385) P_{13}$
- $\backslash PgSb \Rightarrow \Sigma(1660) P_{11}$
- $\backslash PgSc \Rightarrow \Sigma(1670) D_{13}$
- $\backslash PgSd \Rightarrow \Sigma(1750) S_{11}$
- $\backslash PgSe \Rightarrow \Sigma(1775) D_{15}$
- $\backslash PgSf \Rightarrow \Sigma(1915) F_{15}$
- $\backslash PgSg \Rightarrow \Sigma(1940) D_{13}$
- $\backslash PgSh \Rightarrow \Sigma(2030) F_{17}$
- $\backslash Pgsi \Rightarrow \Sigma(2050)$
- $\backslash Pcgsi \Rightarrow \Sigma_c(2455)$
- $\backslash PgU \Rightarrow \Upsilon$
- $\backslash Pgui \Rightarrow \Upsilon(1S)$
- $\backslash Pgua \Rightarrow \Upsilon(2S)$
- $\backslash Pgub \Rightarrow \Upsilon(3S)$
- $\backslash Pguc \Rightarrow \Upsilon(4S)$
- $\backslash Pgud \Rightarrow \Upsilon(10860)$
- $\backslash Pgue \Rightarrow \Upsilon(11020)$
- $\backslash Pgx \Rightarrow \Xi$
- $\backslash PgxP \Rightarrow \Xi^+$
- $\backslash PgxM \Rightarrow \Xi^-$
- $\backslash PgxZ \Rightarrow \Xi^0$
- $\backslash Pgxa \Rightarrow \Xi(1530) P_{13}$
- $\backslash Pgxb \Rightarrow \Xi(1690)$
- $\backslash Pgxc \Rightarrow \Xi(1820) D_{13}$
- $\backslash Pgxd \Rightarrow \Xi(1950)$
- $\backslash Pgx e \Rightarrow \Xi(2030)$
- $\backslash Pagxp \Rightarrow \bar{\Xi}^+$
- $\backslash Pagxm \Rightarrow \bar{\Xi}^-$
- $\backslash Pagxz \Rightarrow \bar{\Xi}^0$
- $\backslash PcgxP \Rightarrow \Xi_c^+$
- $\backslash PcgxZ \Rightarrow \Xi_c^0$
- $\backslash Pgf \Rightarrow \phi$

- $\backslash Pgf i \Rightarrow \phi(1020)$
- $\backslash Pgf a \Rightarrow \phi(1680)$
- $\backslash Pgf i i i \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgha \Rightarrow \eta(1295)$
- $\backslash Pghb \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgoi \Rightarrow \omega(783)$
- $\backslash Pgoa \Rightarrow \omega(1390)$
- $\backslash Pgob \Rightarrow \omega(1600)$
- $\backslash Pgoi i i \Rightarrow \omega(3)^{1670}$
- *pion*
 $\backslash Pgp \Rightarrow \pi$
- *charged pion*
 $\backslash Pgp pm \Rightarrow \pi^\pm$
- *charged pion*
 $\backslash Pgp mp \Rightarrow \pi^\mp$
- *negative pion*
 $\backslash Pgp m \Rightarrow \pi^-$
- *positive pion*
 $\backslash Pgp p \Rightarrow \pi^+$
- *neutral pion*
 $\backslash Pgp z \Rightarrow \pi^0$
- $\backslash Pgpa \Rightarrow \pi(1300)$
- $\backslash Pgp i i \Rightarrow \pi_2(1670)$
- *resonance removed*
 $\backslash Pgr \Rightarrow \rho$
- $\backslash Pgrp \Rightarrow \rho^+$
- $\backslash Pgrm \Rightarrow \rho^-$
- $\backslash Pgrpm \Rightarrow \rho^\pm$
- $\backslash Pgrmp \Rightarrow \rho^\mp$
- $\backslash Pgrz \Rightarrow \rho^0$
- *new*
 $\backslash Pgri \Rightarrow \rho(770)$
- $\backslash Pgra \Rightarrow \rho(1450)$
- $\backslash Pgrb \Rightarrow \rho(1700)$
- $\backslash Pgri i i \Rightarrow \rho_3(1690)$
- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgy i \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgy i i \Rightarrow \psi(2S)$
- $\backslash Pgya \Rightarrow \psi(3770)$
- $\backslash Pgyb \Rightarrow \psi(4040)$
- $\backslash Pgy c \Rightarrow \psi(4160)$
- $\backslash Pgy d \Rightarrow \psi(4415)$

- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDM \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- *new 2005-07-08*
 $\backslash PsD \Rightarrow D_s$
- $\backslash PsDm \Rightarrow D_s^-$
- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash P a i i \Rightarrow a_2(1320)$
- $\backslash P a i \Rightarrow a_1(1260)$
- $\backslash P a z \Rightarrow a_0(980)$
- $\backslash P b g c i a \Rightarrow \chi_{b1}(2P)$
- $\backslash P b g c i i a \Rightarrow \chi_{b2}(2P)$
- $\backslash P b g c i i \Rightarrow \chi_{b2}(1P)$
- $\backslash P b g c i \Rightarrow \chi_{b1}(1P)$
- $\backslash P b g c z a \Rightarrow \chi_{b0}(2P)$
- $\backslash P b g c z \Rightarrow \chi_{b0}(1P)$
- $\backslash P b i \Rightarrow b_1(1235)$
- $\backslash P h i a \Rightarrow h_1(1170)$
- *Higgsino*
 $\backslash PSH \Rightarrow \tilde{H}$
- *positive Higgsino*
 $\backslash PSHp \Rightarrow \tilde{H}^+$
- *negative Higgsino*
 $\backslash PSHm \Rightarrow \tilde{H}^-$
- *charged Higgsino*
 $\backslash PSHpm \Rightarrow \tilde{H}^\pm$
- *charged Higgsino*
 $\backslash PSHmp \Rightarrow \tilde{H}^\mp$

- *neutral Higgsino*
 $\backslashPSHz \Rightarrow \tilde{H}^0$
- *wino*
 $\backslashPSW \Rightarrow \tilde{W}$
- *positive wino*
 $\backslashPSWp \Rightarrow \tilde{W}^+$
- *negative wino*
 $\backslashPSWm \Rightarrow \tilde{W}^-$
- *wino pm*
 $\backslashPSWpm \Rightarrow \tilde{W}^\pm$
- *wino mp*
 $\backslashPSWmp \Rightarrow \tilde{W}^\mp$
- *zino*
 $\backslashPSZ \Rightarrow \tilde{Z}$
- *zino*
 $\backslashPSZz \Rightarrow \tilde{Z}^0$
- *bino*
 $\backslashPSB \Rightarrow \tilde{B}$
- *selectron*
 $\backslashPSe \Rightarrow \tilde{e}$
- *photino*
 $\backslashPSgg \Rightarrow \tilde{\gamma}$
- *smuon*
 $\backslashPSgm \Rightarrow \tilde{\mu}$
- *sneutrino*
 $\backslashPSgn \Rightarrow \tilde{\nu}$
- *stau*
 $\backslashPSgt \Rightarrow \tilde{\tau}$
- *chargino/neutralino*
 $\backslashPSgx \Rightarrow \tilde{\chi}$
- *chargino pm*
 $\backslashPSgxpm \Rightarrow \tilde{\chi}^\pm$
- *chargino mp*
 $\backslashPSgxmp \Rightarrow \tilde{\chi}^\mp$
- *neutralino*
 $\backslashPSgxx \Rightarrow \tilde{\chi}^0$
- *lightest neutralino*
 $\backslashPSgxzi \Rightarrow \tilde{\chi}_1^0$
- *next-to-lightest neutralino*
 $\backslashPSgxzi \Rightarrow \tilde{\chi}_2^0$
- *gluino*
 $\backslashPSg \Rightarrow \tilde{g}$
- *slepton (generic)*
 $\backslashPSl \Rightarrow \tilde{\ell}$
- *anti-slepton (generic)*
 $\backslashPaSl \Rightarrow \tilde{\bar{\ell}}$
- *squark (generic)*
 $\backslashPSq \Rightarrow \tilde{q}$
- *anti-squark (generic)*
 $\backslashPaSq \Rightarrow \tilde{\bar{q}}$
- *down squark*
 $\backslashPSqd \Rightarrow \tilde{d}$
- *up squark*
 $\backslashPSqu \Rightarrow \tilde{u}$
- *strange squark*
 $\backslashPSqs \Rightarrow \tilde{s}$

- *charm squark*

$$\backslash PSqc \Rightarrow \tilde{c}$$

- *bottom squark (sbottom)*

$$\backslash PSqb \Rightarrow \tilde{b}$$

- *top squark (stop)*

$$\backslash PSqt \Rightarrow \tilde{t}$$

- *anti-down squark*

$$\backslash PaSqd \Rightarrow \tilde{d}$$

- *anti-up squark*

$$\backslash PaSqu \Rightarrow \tilde{u}$$

- *anti-strange squark*

$$\backslash PaSqs \Rightarrow \tilde{s}$$

- *anti-charm squark*

$$\backslash PaSqc \Rightarrow \tilde{c}$$

- *anti-bottom squark*

$$\backslash PaSqb \Rightarrow \tilde{b}$$

- *anti-top squark (stop)*

$$\backslash PaSqt \Rightarrow \tilde{t}$$

4 Bold italic font

- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^\pm$
- $\backslash PBmp \Rightarrow B^\mp$
- $\backslash PBp \Rightarrow B^+$
- $\backslash PBm \Rightarrow B^-$
- $\backslash PBz \Rightarrow B^0$
- $\backslash PBst \Rightarrow B^*$
- $\backslash PdB \Rightarrow B_d^0$
- $\backslash PuB \Rightarrow B^+$
- $\backslash PcB \Rightarrow B_c^+$
- $\backslash PsB \Rightarrow B_s^0$
- $\backslash PaB \Rightarrow \bar{B}$
- $\backslash PaBz \Rightarrow \bar{B}^0$
- $\backslash PadB \Rightarrow \bar{B}_d^0$
- $\backslash PauB \Rightarrow B^-$
- $\backslash PacB \Rightarrow B_c^-$
- $\backslash PasB \Rightarrow \bar{B}_s^0$
- *kaon*
 $\backslash PK \Rightarrow K$
- *charged kaon*
 $\backslash PKpm \Rightarrow K^\pm$
- *charged kaon*
 $\backslash PKmp \Rightarrow K^\mp$
- *negative kaon*
 $\backslash PKm \Rightarrow K^-$
- *positive kaon*
 $\backslash PKp \Rightarrow K^+$
- *neutral kaon*
 $\backslash PKz \Rightarrow K^0$
- *K-long*
 $\backslash PKzL \Rightarrow K_L^0$
- *K-short*
 $\backslash PKzS \Rightarrow K_S^0$
- *K star*
 $\backslash PKst \Rightarrow K^*$
- *anti-kaon*
 $\backslash PaK \Rightarrow \bar{K}$
- *neutral anti-kaon*
 $\backslash PaKz \Rightarrow \bar{K}^0$
- $\backslash PKeiii \Rightarrow K_{e3}$
- $\backslash PKgmiii \Rightarrow K_{\mu3}$
- $\backslash PKzeiii \Rightarrow K_{e3}^0$
- $\backslash PKzgmiii \Rightarrow K_{\mu3}^0$
- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$

- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$
- *gluon*
 $\backslash Pg \Rightarrow g$
- *photon*
 $\backslash Pgg \Rightarrow \gamma$
- *photon**
 $\backslash Pggx \Rightarrow \gamma^*$
- *W boson*
 $\backslash PW \Rightarrow W$
- *charged W boson*
 $\backslash PWpm \Rightarrow W^\pm$
- *charged W boson*
 $\backslash PWmp \Rightarrow W^\mp$
- *W-plus*
 $\backslash PWp \Rightarrow W^+$
- *W-minus*
 $\backslash PWm \Rightarrow W^-$
- $\backslash PWR \Rightarrow W_R$
- *W-prime boson*
 $\backslash PWpr \Rightarrow W'$
- *Z boson*
 $\backslash PZ \Rightarrow Z$
- *neutral Z boson*
 $\backslash PZz \Rightarrow Z^0$
- *Z-prime boson*
 $\backslash PZpr \Rightarrow Z'$
- *left-right Z boson*
 $\backslash PZLR \Rightarrow Z_{LR}$

- $\backslash PZgc \Rightarrow Z_\chi$
- $\backslash PZge \Rightarrow Z_\eta$
- $\backslash PZgy \Rightarrow Z_\psi$
- $\backslash PZi \Rightarrow Z_1$
- *axion*
 $\backslash PAz \Rightarrow A^0$
- *standard/heavy Higgs*
 $\backslash PH \Rightarrow H$
- *explicitly neutral standard/heavy Higgs*
 $\backslash PHz \Rightarrow H^0$
- *light Higgs*
 $\backslash Ph \Rightarrow h$
- *explicitly neutral light Higgs*
 $\backslash Phz \Rightarrow h^0$
- *pseudoscalar Higgs*
 $\backslash PA \Rightarrow A$
- *explicitly neutral pseudoscalar Higgs*
 $\backslash PAz \Rightarrow A^0$
- *charged Higgs*
 $\backslash PHpm \Rightarrow H^\pm$
- *charged Higgs*
 $\backslash PHmp \Rightarrow H^\mp$
- *positive-charged Higgs*
 $\backslash PHp \Rightarrow H^+$
- *negative-charged Higgs*
 $\backslash PHm \Rightarrow H^-$
- *fermion*
 $\backslash Pf \Rightarrow f$
- *charged fermion*
 $\backslash Pfp \Rightarrow f^\pm$
- *charged fermion*
 $\backslash Pfmp \Rightarrow f^\mp$
- *positive fermion*
 $\backslash Pfp \Rightarrow f^+$
- *negative fermion*
 $\backslash Pfm \Rightarrow f^-$
- *anti-fermion*
 $\backslash Paf \Rightarrow \bar{f}$
- *lepton*
 $\backslash Pl \Rightarrow \ell$
- *charged lepton*
 $\backslash Plpm \Rightarrow \ell^\pm$
- *charged lepton*
 $\backslash Plmp \Rightarrow \ell^\mp$
- *positive lepton*
 $\backslash Plp \Rightarrow \ell^+$
- *negative lepton*
 $\backslash Plm \Rightarrow \ell^-$
- *anti-lepton*
 $\backslash Pal \Rightarrow \bar{\ell}$
- *generic neutrino*
 $\backslash Pgn \Rightarrow \nu$

- *neutrino (for lepton ell)*
 $\backslash Pgnl \Rightarrow \nu_\ell$
- *generic anti-neutrino*
 $\backslash Pagn \Rightarrow \bar{\nu}$
- *anti-neutrino (for lepton ell)*
 $\backslash Pagnl \Rightarrow \bar{\nu}_\ell$
- *electronic*
 $\backslash Pe \Rightarrow e$
- *e plus/minus*
 $\backslash Pepm \Rightarrow e^\pm$
- *e minus/plus*
 $\backslash Pemp \Rightarrow e^\mp$
- *electron*
 $\backslash Pem \Rightarrow e^-$
- *positron*
 $\backslash Pep \Rightarrow e^+$
- *muonic*
 $\backslash Pgm \Rightarrow \mu$
- *mu plus/minus*
 $\backslash Pgm\pm \Rightarrow \mu^\pm$
- *mu minus/plus*
 $\backslash Pgm\mp \Rightarrow \mu^\mp$
- *muon*
 $\backslash Pgmm \Rightarrow \mu^-$
- *anti-muon*
 $\backslash Pgmp \Rightarrow \mu^+$
- *tauonic*
 $\backslash Pgt \Rightarrow \tau$
- *tau plus/minus*
 $\backslash Pgt\pm \Rightarrow \tau^\pm$
- *tau minus/plus*
 $\backslash Pgt\mp \Rightarrow \tau^\mp$
- *tau lepton*
 $\backslash Pgtm \Rightarrow \tau^-$
- *anti-tau*
 $\backslash Pgt\pm \Rightarrow \tau^+$
- *electron neutrino*
 $\backslash Pgne \Rightarrow \nu_e$
- *muon neutrino*
 $\backslash Pgn\mu \Rightarrow \nu_\mu$
- *tau neutrino*
 $\backslash Pngt \Rightarrow \nu_\tau$
- *electron anti-neutrino*
 $\backslash Pagne \Rightarrow \bar{\nu}_e$
- *muon anti-neutrino*
 $\backslash Pagn\mu \Rightarrow \bar{\nu}_\mu$
- *tau anti-neutrino*
 $\backslash Pagn\tau \Rightarrow \bar{\nu}_\tau$
- *quark*
 $\backslash Pq \Rightarrow q$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *down quark*
 $\backslash Pqd \Rightarrow d$
- *up quark*
 $\backslash Pqu \Rightarrow u$

- *strange quark*
 $\backslash Pqs \Rightarrow s$
- *charm quark*
 $\backslash Pqc \Rightarrow c$
- *bottom quark*
 $\backslash Pqb \Rightarrow b$
- *top quark*
 $\backslash Pqt \Rightarrow t$
- *down anti-quark*
 $\backslash Paqd \Rightarrow \bar{d}$
- *up anti-quark*
 $\backslash Paqu \Rightarrow \bar{u}$
- *strange anti-quark*
 $\backslash Paqs \Rightarrow \bar{s}$
- *charm anti-quark*
 $\backslash Paqc \Rightarrow \bar{c}$
- *bottom anti-quark*
 $\backslash Paqb \Rightarrow \bar{b}$
- *top anti-quark*
 $\backslash Paqt \Rightarrow \bar{t}$
- $\backslash Pqb \Rightarrow b$
- $\backslash Pqc \Rightarrow c$
- $\backslash Pqd \Rightarrow d$
- $\backslash Pqs \Rightarrow s$
- $\backslash Pqt \Rightarrow t$
- $\backslash Pqu \Rightarrow u$
- $\backslash Pq \Rightarrow q$
- *anti-bottom quark*
 $\backslash Paqb \Rightarrow \bar{b}$
- *anti-charm quark*
 $\backslash Paqc \Rightarrow \bar{c}$
- *anti-down quark*
 $\backslash Paqd \Rightarrow \bar{d}$
- *anti-strange quark*
 $\backslash Paqs \Rightarrow \bar{s}$
- *anti-top quark*
 $\backslash Paqt \Rightarrow \bar{t}$
- *anti-up quark*
 $\backslash Paqu \Rightarrow \bar{u}$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *proton*
 $\backslash Pp \Rightarrow p$
- *neutron*
 $\backslash Pn \Rightarrow n$
- *anti-proton*
 $\backslash Pap \Rightarrow \bar{p}$
- *anti-neutron*
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgc i \Rightarrow \chi_{c1}(1P)$

- $\backslash Pcgcz \Rightarrow \chi_{c0}(1P)$
- $\backslash Pfia \Rightarrow f_1(1390)$
- $\backslash Pfib \Rightarrow f_1(1510)$
- $\backslash Pfiia \Rightarrow f_2(1720)$
- $\backslash Pfiib \Rightarrow f_2(2010)$
- $\backslash Pfiic \Rightarrow f_2(2300)$
- $\backslash Pfiid \Rightarrow f_2(2340)$
- $\backslash Pfiipr \Rightarrow f'_2(1525)$
- $\backslash Pfii \Rightarrow f_2(1270)$
- $\backslash Pfiiv \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$
- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash Pgd \Rightarrow \Delta$
- $\backslash Pgd a \Rightarrow \Delta(1232) P_{33}$
- $\backslash Pgd b \Rightarrow \Delta(1620) S_{31}$
- $\backslash Pgd c \Rightarrow \Delta(1700) D_{33}$
- $\backslash Pgd d \Rightarrow \Delta(1900) S_{31}$
- $\backslash Pgd e \Rightarrow \Delta(1905) F_{35}$
- $\backslash Pgd f \Rightarrow \Delta(1910) P_{31}$
- $\backslash Pgd h \Rightarrow \Delta(1920) P_{33}$
- $\backslash Pgd i \Rightarrow \Delta(1930) D_{35}$
- $\backslash Pgd j \Rightarrow \Delta(1950) F_{37}$
- $\backslash Pgd k \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$

- $\backslash PgOma \Rightarrow \Omega(2250)^-$
- *new*
- $\backslash PagO \Rightarrow \bar{\Omega}$
- $\backslash PagOp \Rightarrow \bar{\Omega}^+$
- $\backslash PagOm \Rightarrow \bar{\Omega}^-$
- $\backslash PgS \Rightarrow \Sigma$
- $\backslash PgSpm \Rightarrow \Sigma^\pm$
- $\backslash PgSmp \Rightarrow \Sigma^\mp$
- $\backslash PgSm \Rightarrow \Sigma^-$
- $\backslash PgSp \Rightarrow \Sigma^+$
- $\backslash PgSz \Rightarrow \Sigma^0$
- $\backslash Pcgs \Rightarrow \Sigma_c$
- $\backslash PagSm \Rightarrow \bar{\Sigma}^-$
- $\backslash PagSp \Rightarrow \bar{\Sigma}^+$
- $\backslash PagSz \Rightarrow \bar{\Sigma}^0$
- $\backslash Pacgs \Rightarrow \bar{\Sigma}_c$
- $\backslash PgSa \Rightarrow \Sigma(1385) P_{13}$
- $\backslash PgSb \Rightarrow \Sigma(1660) P_{11}$
- $\backslash PgSc \Rightarrow \Sigma(1670) D_{13}$
- $\backslash PgSd \Rightarrow \Sigma(1750) S_{11}$
- $\backslash PgSe \Rightarrow \Sigma(1775) D_{15}$
- $\backslash PgSf \Rightarrow \Sigma(1915) F_{15}$
- $\backslash PgSg \Rightarrow \Sigma(1940) D_{13}$
- $\backslash PgSh \Rightarrow \Sigma(2030) F_{17}$
- $\backslash PgSi \Rightarrow \Sigma(2050)$
- $\backslash Pcgsi \Rightarrow \Sigma_c(2455)$
- $\backslash PgU \Rightarrow \Upsilon$
- $\backslash PgUi \Rightarrow \Upsilon(1S)$
- $\backslash PgUa \Rightarrow \Upsilon(2S)$
- $\backslash PgUb \Rightarrow \Upsilon(3S)$
- $\backslash PgUc \Rightarrow \Upsilon(4S)$
- $\backslash PgUd \Rightarrow \Upsilon(10860)$
- $\backslash PgUe \Rightarrow \Upsilon(11020)$
- $\backslash PgX \Rightarrow \Xi$
- $\backslash PgXp \Rightarrow \Xi^+$
- $\backslash PgXm \Rightarrow \Xi^-$
- $\backslash PgXz \Rightarrow \Xi^0$
- $\backslash Pgx a \Rightarrow \Xi(1530) P_{13}$
- $\backslash Pgx b \Rightarrow \Xi(1690)$
- $\backslash Pgx c \Rightarrow \Xi(1820) D_{13}$
- $\backslash Pgx d \Rightarrow \Xi(1950)$
- $\backslash Pgx e \Rightarrow \Xi(2030)$
- $\backslash PagXp \Rightarrow \bar{\Xi}^+$
- $\backslash PagXm \Rightarrow \bar{\Xi}^-$
- $\backslash PagXz \Rightarrow \bar{\Xi}^0$
- $\backslash PcgsXp \Rightarrow \Xi_c^+$
- $\backslash PcgsXz \Rightarrow \Xi_c^0$

- $\backslash Pgf \Rightarrow \phi$
- $\backslash Pgf i \Rightarrow \phi(1020)$
- $\backslash Pgf a \Rightarrow \phi(1680)$
- $\backslash Pgf i i i \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pgh p r \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgh a \Rightarrow \eta(1295)$
- $\backslash Pgh b \Rightarrow \eta(1440)$
- $\backslash Pgh p r i \Rightarrow \eta'(958)$
- $\backslash Pcgh i \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgo i \Rightarrow \omega(783)$
- $\backslash Pgo a \Rightarrow \omega(1390)$
- $\backslash Pgo b \Rightarrow \omega(1600)$
- $\backslash Pgo i i i \Rightarrow \omega(3)^{1670}$
- *pion*
 $\backslash Pgp \Rightarrow \pi$
- *charged pion*
 $\backslash Pgp p m \Rightarrow \pi^\pm$
- *charged pion*
 $\backslash Pgp m p \Rightarrow \pi^\mp$
- *negative pion*
 $\backslash Pgp m \Rightarrow \pi^-$
- *positive pion*
 $\backslash Pgp p \Rightarrow \pi^+$
- *neutral pion*
 $\backslash Pgp z \Rightarrow \pi^0$
- $\backslash Pgpa \Rightarrow \pi(1300)$
- $\backslash Pgp i i \Rightarrow \pi_2(1670)$
- *resonance removed*
 $\backslash Pgr \Rightarrow \rho$
- $\backslash Pgr p \Rightarrow \rho^+$
- $\backslash Pgr m \Rightarrow \rho^-$
- $\backslash Pgr p m \Rightarrow \rho^\pm$
- $\backslash Pgr m p \Rightarrow \rho^\mp$
- $\backslash Pgr z \Rightarrow \rho^0$
- *new*
 $\backslash Pgr i \Rightarrow \rho(770)$
- $\backslash Pgra \Rightarrow \rho(1450)$
- $\backslash Pgr b \Rightarrow \rho(1700)$
- $\backslash Pgr i i i \Rightarrow \rho_3(1690)$
- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgy i \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgy i i \Rightarrow \psi(2S)$
- $\backslash Pgy a \Rightarrow \psi(3770)$
- $\backslash Pgy b \Rightarrow \psi(4040)$
- $\backslash Pgy c \Rightarrow \psi(4160)$

- $\backslash Pgyd \Rightarrow \psi(4415)$
- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDM \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- *new 2005-07-08*
 $\backslash PsD \Rightarrow D_s$
- $\backslash PsDm \Rightarrow D_s^-$
- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash Piai \Rightarrow a_2(1320)$
- $\backslash Pai \Rightarrow a_1(1260)$
- $\backslash Paz \Rightarrow a_0(980)$
- $\backslash Pbgcia \Rightarrow \chi_{b1}(2P)$
- $\backslash Pbgciza \Rightarrow \chi_{b2}(2P)$
- $\backslash Pbgcii \Rightarrow \chi_{b2}(1P)$
- $\backslash Pbgci \Rightarrow \chi_{b1}(1P)$
- $\backslash Pbgcza \Rightarrow \chi_{b0}(2P)$
- $\backslash Pbgcz \Rightarrow \chi_{b0}(1P)$
- $\backslash Pbi \Rightarrow b_1(1235)$
- $\backslash Phia \Rightarrow h_1(1170)$
- *Higgsino*
 $\backslash PSH \Rightarrow \tilde{H}$
- *positive Higgsino*
 $\backslash PSHp \Rightarrow \tilde{H}^+$
- *negative Higgsino*
 $\backslash PSHm \Rightarrow \tilde{H}^-$
- *charged Higgsino*
 $\backslash PSHpm \Rightarrow \tilde{H}^\pm$

- *charged Higgsino*
 $\backslashPSHmp \Rightarrow \tilde{H}^\mp$
- *neutral Higgsino*
 $\backslashPSHz \Rightarrow \tilde{H}^0$
- *wino*
 $\backslashPSW \Rightarrow \tilde{W}$
- *positive wino*
 $\backslashPSWp \Rightarrow \tilde{W}^+$
- *negative wino*
 $\backslashPSWm \Rightarrow \tilde{W}^-$
- *wino pm*
 $\backslashPSWpm \Rightarrow \tilde{W}^\pm$
- *wino mp*
 $\backslashPSWmp \Rightarrow \tilde{W}^\mp$
- *zino*
 $\backslashPSZ \Rightarrow \tilde{Z}$
- *zino*
 $\backslashPSZz \Rightarrow \tilde{Z}^0$
- *bino*
 $\backslashPSB \Rightarrow \tilde{B}$
- *selectron*
 $\backslashPSe \Rightarrow \tilde{e}$
- *photino*
 $\backslashPSgg \Rightarrow \tilde{\gamma}$
- *smuon*
 $\backslashPSgm \Rightarrow \tilde{\mu}$
- *sneutrino*
 $\backslashPSgn \Rightarrow \tilde{\nu}$
- *stau*
 $\backslashPSgt \Rightarrow \tilde{\tau}$
- *chargino/neutralino*
 $\backslashPSgx \Rightarrow \tilde{\chi}$
- *chargino pm*
 $\backslashPSgxpm \Rightarrow \tilde{\chi}^\pm$
- *chargino mp*
 $\backslashPSgxmp \Rightarrow \tilde{\chi}^\mp$
- *neutralino*
 $\backslashPSgxz \Rightarrow \tilde{\chi}^0$
- *lightest neutralino*
 $\backslashPSgxzi \Rightarrow \tilde{\chi}_1^0$
- *next-to-lightest neutralino*
 $\backslashPSgxzii \Rightarrow \tilde{\chi}_2^0$
- *gluino*
 $\backslashPSg \Rightarrow \tilde{g}$
- *slepton (generic)*
 $\backslashPSl \Rightarrow \tilde{\ell}$
- *anti-slepton (generic)*
 $\backslashPaSl \Rightarrow \tilde{\bar{\ell}}$
- *squark (generic)*
 $\backslashPSq \Rightarrow \tilde{q}$
- *anti-squark (generic)*
 $\backslashPaSq \Rightarrow \tilde{\bar{q}}$
- *down squark*
 $\backslashPSqd \Rightarrow \tilde{d}$
- *up squark*
 $\backslashPSqu \Rightarrow \tilde{u}$

- *strange squark*

$$\backslash PSqs \Rightarrow \tilde{s}$$

- *charm squark*

$$\backslash PSqc \Rightarrow \tilde{c}$$

- *bottom squark (sbottom)*

$$\backslash PSqb \Rightarrow \tilde{b}$$

- *top squark (stop)*

$$\backslash PSqt \Rightarrow \tilde{t}$$

- *anti-down squark*

$$\backslash PaSqd \Rightarrow \tilde{d}$$

- *anti-up squark*

$$\backslash PaSqu \Rightarrow \tilde{u}$$

- *anti-strange squark*

$$\backslash PaSqs \Rightarrow \tilde{s}$$

- *anti-charm squark*

$$\backslash PaSqc \Rightarrow \tilde{c}$$

- *anti-bottom squark*

$$\backslash PaSqb \Rightarrow \tilde{b}$$

- *anti-top squark (stop)*

$$\backslash PaSqt \Rightarrow \tilde{t}$$

5 Sans font

- $\backslash PB \Rightarrow B$

- $\backslash PBpm \Rightarrow B^\pm$

- $\backslash PBmp \Rightarrow B^\mp$

- $\backslash PBp \Rightarrow B^+$

- $\backslash PBm \Rightarrow B^-$

- $\backslash PBz \Rightarrow B^0$

- $\backslash PBst \Rightarrow B^*$

- $\backslash PdB \Rightarrow B_d^0$

- $\backslash PuB \Rightarrow B^+$

- $\backslash PcB \Rightarrow B_c^+$

- $\backslash PsB \Rightarrow B_s^0$

- $\backslash PaB \Rightarrow \bar{B}$

- $\backslash PaBz \Rightarrow \bar{B}^0$

- $\backslash PadB \Rightarrow \bar{B}_d^0$

- $\backslash PauB \Rightarrow B^-$

- $\backslash PacB \Rightarrow B_c^-$

- $\backslash PasB \Rightarrow \bar{B}_s^0$

- kaon

$$\backslash PK \Rightarrow K$$

- charged kaon

$$\backslash PKpm \Rightarrow K^\pm$$

- charged kaon

$$\backslash PKmp \Rightarrow K^\mp$$

- negative kaon

$$\backslash PKm \Rightarrow K^-$$

- positive kaon
`\PKp` \Rightarrow K^+
- neutral kaon
`\PKz` \Rightarrow K^0
- K-long
`\PKzL` \Rightarrow K_L^0
- K-short
`\PKzS` \Rightarrow K_S^0
- K star
`\PKst` \Rightarrow K^*
- anti-kaon
`\PaK` \Rightarrow \bar{K}
- neutral anti-kaon
`\PaKz` \Rightarrow \bar{K}^0
- `\PKeiii` \Rightarrow K_{e3}
- `\PKgmiii` \Rightarrow $K_{\mu 3}$
- `\PKzeiii` \Rightarrow K_{e3}^0
- `\PKzgmiii` \Rightarrow $K_{\mu 3}^0$
- `\PKia` \Rightarrow $K_1(1400)$
- `\PKii` \Rightarrow $K_2(1770)$
- `\PKi` \Rightarrow $K_1(1270)$
- `\PKsti` \Rightarrow $K^*(892)$
- `\PKsta` \Rightarrow $K^*(1370)$
- `\PKstb` \Rightarrow $K^*(1680)$
- `\PKstiii` \Rightarrow $K_3^*(1780)$
- `\PKstii` \Rightarrow $K_2^*(1430)$
- `\PKstiv` \Rightarrow $K_4^*(2045)$
- `\PKstz` \Rightarrow $K_0^*(1430)$
- `\PN` \Rightarrow N
- `\PNa` \Rightarrow $N(1440) P_{11}$
- `\PNb` \Rightarrow $N(1520) D_{13}$
- `\PNC` \Rightarrow $N(1535) S_{11}$
- `\PNd` \Rightarrow $N(1650) S_{11}$
- `\PNe` \Rightarrow $N(1675) D_{15}$
- `\PNf` \Rightarrow $N(1680) F_{15}$
- `\PNg` \Rightarrow $N(1700) D_{13}$
- `\PNh` \Rightarrow $N(1710) P_{11}$
- `\PNI` \Rightarrow $N(1720) P_{13}$
- `\PNj` \Rightarrow $N(2190) G_{17}$
- `\PNk` \Rightarrow $N(2220) H_{19}$
- `\PNl` \Rightarrow $N(2250) G_{19}$
- `\PNm` \Rightarrow $N(2600) I_{1,11}$
- gluon
`\Pg` \Rightarrow g
- photon
`\Pgg` \Rightarrow γ
- photon*
`\Pggx` \Rightarrow γ^*
- W boson
`\PW` \Rightarrow W

- charged W boson
 $\backslash\text{PWpm} \Rightarrow W^\pm$
- charged W boson
 $\backslash\text{PWmp} \Rightarrow W^\mp$
- W-plus
 $\backslash\text{PWp} \Rightarrow W^+$
- W-minus
 $\backslash\text{PWm} \Rightarrow W^-$
- $\backslash\text{PWR} \Rightarrow W_R$
- W-prime boson
 $\backslash\text{PWpr} \Rightarrow W'$
- Z boson
 $\backslash\text{PZ} \Rightarrow Z$
- neutral Z boson
 $\backslash\text{PZz} \Rightarrow Z^0$
- Z-prime boson
 $\backslash\text{PZpr} \Rightarrow Z'$
- left-right Z boson
 $\backslash\text{PZLR} \Rightarrow Z_{LR}$
- $\backslash\text{PZgc} \Rightarrow Z_\chi$
- $\backslash\text{PZge} \Rightarrow Z_\eta$
- $\backslash\text{PZgy} \Rightarrow Z_\psi$
- $\backslash\text{PZi} \Rightarrow Z_1$
- axion
 $\backslash\text{PAz} \Rightarrow A^0$
- standard/heavy Higgs
 $\backslash\text{PH} \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\backslash\text{PHz} \Rightarrow H^0$
- light Higgs
 $\backslash\text{Ph} \Rightarrow h$
- explicitly neutral light Higgs
 $\backslash\text{Phz} \Rightarrow h^0$
- pseudoscalar Higgs
 $\backslash\text{PA} \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\backslash\text{PAz} \Rightarrow A^0$
- charged Higgs
 $\backslash\text{PHpm} \Rightarrow H^\pm$
- charged Higgs
 $\backslash\text{PHmp} \Rightarrow H^\mp$
- positive-charged Higgs
 $\backslash\text{PHp} \Rightarrow H^+$
- negative-charged Higgs
 $\backslash\text{PHm} \Rightarrow H^-$
- fermion
 $\backslash\text{Pf} \Rightarrow f$
- charged fermion
 $\backslash\text{Pfpm} \Rightarrow f^\pm$
- charged fermion
 $\backslash\text{Pfmp} \Rightarrow f^\mp$
- positive fermion
 $\backslash\text{Pfp} \Rightarrow f^+$
- negative fermion
 $\backslash\text{Pfm} \Rightarrow f^-$

- anti-fermion
 $\backslash\text{Paf} \Rightarrow \bar{f}$
- lepton
 $\backslash\text{Pl} \Rightarrow \ell$
- charged lepton
 $\backslash\text{Plpm} \Rightarrow \ell^\pm$
- charged lepton
 $\backslash\text{Plmp} \Rightarrow \ell^\mp$
- positive lepton
 $\backslash\text{Plp} \Rightarrow \ell^+$
- negative lepton
 $\backslash\text{Plm} \Rightarrow \ell^-$
- anti-lepton
 $\backslash\text{Pal} \Rightarrow \bar{\ell}$
- generic neutrino
 $\backslash\text{Pgn} \Rightarrow \nu$
- neutrino (for lepton ell)
 $\backslash\text{Pgnl} \Rightarrow \nu_\ell$
- generic anti-neutrino
 $\backslash\text{Pagn} \Rightarrow \bar{\nu}$
- anti-neutrino (for lepton ell)
 $\backslash\text{Pagnl} \Rightarrow \bar{\nu}_\ell$
- electronic
 $\backslash\text{Pe} \Rightarrow e$
- e plus/minus
 $\backslash\text{Pepm} \Rightarrow e^\pm$
- e minus/plus
 $\backslash\text{Pemp} \Rightarrow e^\mp$
- electron
 $\backslash\text{Pem} \Rightarrow e^-$
- positron
 $\backslash\text{Pep} \Rightarrow e^+$
- muonic
 $\backslash\text{Pgm} \Rightarrow \mu$
- mu plus/minus
 $\backslash\text{Pgmpm} \Rightarrow \mu^\pm$
- mu minus/plus
 $\backslash\text{Pgmp} \Rightarrow \mu^\mp$
- muon
 $\backslash\text{Pgmm} \Rightarrow \mu^-$
- anti-muon
 $\backslash\text{Pgmp} \Rightarrow \mu^+$
- tauonic
 $\backslash\text{Pgt} \Rightarrow \tau$
- tau plus/minus
 $\backslash\text{Pgtpm} \Rightarrow \tau^\pm$
- tau minus/plus
 $\backslash\text{Pgtmp} \Rightarrow \tau^\mp$
- tau lepton
 $\backslash\text{Pgtm} \Rightarrow \tau^-$
- anti-tau
 $\backslash\text{Pgtp} \Rightarrow \tau^+$
- electron neutrino
 $\backslash\text{Pgne} \Rightarrow \nu_e$
- muon neutrino
 $\backslash\text{Pgngm} \Rightarrow \nu_\mu$

- tau neutrino
 $\backslash\text{Pgngt} \Rightarrow \nu_\tau$
- electron anti-neutrino
 $\backslash\text{Pagne} \Rightarrow \bar{\nu}_e$
- muon anti-neutrino
 $\backslash\text{Pagnm} \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino
 $\backslash\text{Pangnt} \Rightarrow \bar{\nu}_\tau$
- quark
 $\backslash\text{Pq} \Rightarrow q$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- down quark
 $\backslash\text{Pqd} \Rightarrow d$
- up quark
 $\backslash\text{Pqu} \Rightarrow u$
- strange quark
 $\backslash\text{Pqs} \Rightarrow s$
- charm quark
 $\backslash\text{Pqc} \Rightarrow c$
- bottom quark
 $\backslash\text{Pqb} \Rightarrow b$
- top quark
 $\backslash\text{Pqt} \Rightarrow t$
- down anti-quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- up anti-quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- strange anti-quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- charm anti-quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- bottom anti-quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- top anti-quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- $\backslash\text{Pqb} \Rightarrow b$
- $\backslash\text{Pqc} \Rightarrow c$
- $\backslash\text{Pqd} \Rightarrow d$
- $\backslash\text{Pqs} \Rightarrow s$
- $\backslash\text{Pqt} \Rightarrow t$
- $\backslash\text{Pqu} \Rightarrow u$
- $\backslash\text{Pq} \Rightarrow q$
- anti-bottom quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- anti-charm quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- anti-down quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- anti-strange quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- anti-top quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- anti-up quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$

- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- proton
 $\backslash\text{Pp} \Rightarrow p$
- neutron
 $\backslash\text{Pn} \Rightarrow n$
- anti-proton
 $\backslash\text{Pap} \Rightarrow \bar{p}$
- anti-neutron
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$
- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$
- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f'_2(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{Pgd} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgDd} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgDf} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgDh} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgDi} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgDj} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgDk} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL}a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL}b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL}c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL}d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL}e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL}f \Rightarrow \Lambda(1800) S_{01}$

- $\backslash\text{PgLg} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgLh} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PGLi} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgLj} \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgLk} \Rightarrow \Lambda(2100) G_{07}$
- $\backslash\text{PGLl} \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PGLm} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{PgO} \Rightarrow \Omega$
- $\backslash\text{PgOpm} \Rightarrow \Omega^\pm$
- $\backslash\text{PgOmp} \Rightarrow \Omega^\mp$
- $\backslash\text{PgOp} \Rightarrow \Omega^+$
- $\backslash\text{PgOm} \Rightarrow \Omega^-$
- $\backslash\text{PgOma} \Rightarrow \Omega(2250)^-$
- new
 $\backslash\text{PagO} \Rightarrow \bar{\Omega}$
- $\backslash\text{PagOp} \Rightarrow \bar{\Omega}^+$
- $\backslash\text{PagOm} \Rightarrow \bar{\Omega}^-$
- $\backslash\text{PgS} \Rightarrow \Sigma$
- $\backslash\text{PgSpm} \Rightarrow \Sigma^\pm$
- $\backslash\text{PgSmp} \Rightarrow \Sigma^\mp$
- $\backslash\text{PgSm} \Rightarrow \Sigma^-$
- $\backslash\text{PgSp} \Rightarrow \Sigma^+$
- $\backslash\text{PgLsz} \Rightarrow \Sigma^0$
- $\backslash\text{PcgS} \Rightarrow \Sigma_c$
- $\backslash\text{PagSm} \Rightarrow \bar{\Sigma}^-$
- $\backslash\text{PagSp} \Rightarrow \bar{\Sigma}^+$
- $\backslash\text{PagSz} \Rightarrow \bar{\Sigma}^0$
- $\backslash\text{PacgS} \Rightarrow \bar{\Sigma}_c$
- $\backslash\text{Pgsa} \Rightarrow \Sigma(1385) P_{13}$
- $\backslash\text{Pgsb} \Rightarrow \Sigma(1660) P_{11}$
- $\backslash\text{PgSc} \Rightarrow \Sigma(1670) D_{13}$
- $\backslash\text{PgSd} \Rightarrow \Sigma(1750) S_{11}$
- $\backslash\text{PgSe} \Rightarrow \Sigma(1775) D_{15}$
- $\backslash\text{Pgsf} \Rightarrow \Sigma(1915) F_{15}$
- $\backslash\text{PgsG} \Rightarrow \Sigma(1940) D_{13}$
- $\backslash\text{PgsH} \Rightarrow \Sigma(2030) F_{17}$
- $\backslash\text{Pgsi} \Rightarrow \Sigma(2050)$
- $\backslash\text{PcgSi} \Rightarrow \Sigma_c(2455)$
- $\backslash\text{Pgu} \Rightarrow \Upsilon$
- $\backslash\text{Pgui} \Rightarrow \Upsilon(1S)$
- $\backslash\text{PguA} \Rightarrow \Upsilon(2S)$
- $\backslash\text{PguB} \Rightarrow \Upsilon(3S)$
- $\backslash\text{PguC} \Rightarrow \Upsilon(4S)$
- $\backslash\text{PguD} \Rightarrow \Upsilon(10860)$
- $\backslash\text{PguE} \Rightarrow \Upsilon(11020)$
- $\backslash\text{Pgx} \Rightarrow \Xi$
- $\backslash\text{PgxP} \Rightarrow \Xi^+$

- $\backslash\text{PgXm} \Rightarrow \Xi^-$
- $\backslash\text{Pgz} \Rightarrow \Xi^0$
- $\backslash\text{Pgx} \Rightarrow \Xi(1530) P_{13}$
- $\backslash\text{Pgb} \Rightarrow \Xi(1690)$
- $\backslash\text{Pgc} \Rightarrow \Xi(1820) D_{13}$
- $\backslash\text{Pgd} \Rightarrow \Xi(1950)$
- $\backslash\text{Pge} \Rightarrow \Xi(2030)$
- $\backslash\text{Paxp} \Rightarrow \Xi^+$
- $\backslash\text{Paxm} \Rightarrow \Xi^-$
- $\backslash\text{Paxz} \Rightarrow \Xi^0$
- $\backslash\text{Pcxp} \Rightarrow \Xi_c^+$
- $\backslash\text{Pcz} \Rightarrow \Xi_c^0$
- $\backslash\text{Pgf} \Rightarrow \phi$
- $\backslash\text{Pgf} \Rightarrow \phi(1020)$
- $\backslash\text{Pffa} \Rightarrow \phi(1680)$
- $\backslash\text{Pgfiii} \Rightarrow \phi_3(1850)$
- $\backslash\text{Pgh} \Rightarrow \eta$
- $\backslash\text{Pghpr} \Rightarrow \eta'$
- $\backslash\text{Pcgh} \Rightarrow \eta_c$
- $\backslash\text{Pgha} \Rightarrow \eta(1295)$
- $\backslash\text{Pghb} \Rightarrow \eta(1440)$
- $\backslash\text{Pghpri} \Rightarrow \eta'(958)$
- $\backslash\text{Pcghi} \Rightarrow \eta_c(1S)$
- $\backslash\text{Pgo} \Rightarrow \omega$
- $\backslash\text{Pgoi} \Rightarrow \omega(783)$
- $\backslash\text{Pgoa} \Rightarrow \omega(1390)$
- $\backslash\text{Pgob} \Rightarrow \omega(1600)$
- $\backslash\text{Pgoiii} \Rightarrow \omega(3)^{1670}$
- pion
- $\backslash\text{Pgp} \Rightarrow \pi$
- charged pion
- $\backslash\text{Pgppm} \Rightarrow \pi^\pm$
- charged pion
- $\backslash\text{Pgpmp} \Rightarrow \pi^\mp$
- negative pion
- $\backslash\text{Pgpm} \Rightarrow \pi^-$
- positive pion
- $\backslash\text{Pgpp} \Rightarrow \pi^+$
- neutral pion
- $\backslash\text{Pgpz} \Rightarrow \pi^0$
- $\backslash\text{Pgpa} \Rightarrow \pi(1300)$
- $\backslash\text{Pgpai} \Rightarrow \pi_2(1670)$
- resonance removed
- $\backslash\text{Pgr} \Rightarrow \rho$
- $\backslash\text{Pgrp} \Rightarrow \rho^+$
- $\backslash\text{Pgrm} \Rightarrow \rho^-$
- $\backslash\text{Pgrpm} \Rightarrow \rho^\pm$
- $\backslash\text{Pgrmp} \Rightarrow \rho^\mp$
- $\backslash\text{Pgrz} \Rightarrow \rho^0$

- new
 - `\Pgri` $\Rightarrow \rho(770)$
- `\Pgra` $\Rightarrow \rho(1450)$
- `\Pgrb` $\Rightarrow \rho(1700)$
- `\Pgriii` $\Rightarrow \rho_3(1690)$
- `\PJgy` $\Rightarrow J/\psi$
- `\PJgyi` $\Rightarrow J/\psi(1S)$
- `\Pgy` $\Rightarrow \psi$
- `\Pgyii` $\Rightarrow \psi(2S)$
- `\Pgya` $\Rightarrow \psi(3770)$
- `\Pgyb` $\Rightarrow \psi(4040)$
- `\Pgyc` $\Rightarrow \psi(4160)$
- `\Pgyd` $\Rightarrow \psi(4415)$
- `\PD` $\Rightarrow D$
- `\PDpm` $\Rightarrow D^\pm$
- `\PDmp` $\Rightarrow D^\mp$
- `\PDz` $\Rightarrow D^0$
- `\PDm` $\Rightarrow D^-$
- `\PDp` $\Rightarrow D^+$
- `\PDst` $\Rightarrow D^*$
- `\PaD` $\Rightarrow \bar{D}$
- `\PaDz` $\Rightarrow \bar{D}^0$
- new 2005-07-08
 - `\PsD` $\Rightarrow D_s$
- `\PsDm` $\Rightarrow D_s^-$
- `\PsDp` $\Rightarrow D_s^+$
- `\PsDpm` $\Rightarrow D_s^\pm$
- `\PsDmp` $\Rightarrow D_s^\mp$
- `\PsDst` $\Rightarrow D_s^*$
- `\PsDipm` $\Rightarrow D_{s1}(2536)^\pm$
- `\PsDimp` $\Rightarrow D_{s1}(2536)^\mp$
- `\PDiz` $\Rightarrow D_1(2420)^0$
- `\PDstiiz` $\Rightarrow D_2^*(2460)^0$
- `\PDstpm` $\Rightarrow D^*(2010)^\pm$
- `\PDstmp` $\Rightarrow D^*(2010)^\mp$
- `\PDstz` $\Rightarrow D^*(2010)^0$
- `\PEz` $\Rightarrow E^0$
- `\PLpm` $\Rightarrow L^\pm$
- `\PLmp` $\Rightarrow L^\mp$
- `\PLz` $\Rightarrow L^0$
- `\Paii` $\Rightarrow a_2(1320)$
- `\Pai` $\Rightarrow a_1(1260)$
- `\Paz` $\Rightarrow a_0(980)$
- `\Pbgcia` $\Rightarrow \chi_{b1}(2P)$
- `\Pbgciia` $\Rightarrow \chi_{b2}(2P)$

- `\Pbgcii` $\Rightarrow \chi_{b2}(1P)$
- `\Pbgci` $\Rightarrow \chi_{b1}(1P)$
- `\Pbgcza` $\Rightarrow \chi_{b0}(2P)$
- `\Pbgcz` $\Rightarrow \chi_{b0}(1P)$
- `\Pbi` $\Rightarrow b_1(1235)$
- `\Phia` $\Rightarrow h_1(1170)$
- Higgsino
`\PSH` $\Rightarrow \tilde{H}$
- positive Higgsino
`\PSHp` $\Rightarrow \tilde{H}^+$
- negative Higgsino
`\PSHm` $\Rightarrow \tilde{H}^-$
- charged Higgsino
`\PSHpm` $\Rightarrow \tilde{H}^\pm$
- charged Higgsino
`\PSHmp` $\Rightarrow \tilde{H}^\mp$
- neutral Higgsino
`\PSHz` $\Rightarrow \tilde{H}^0$
- wino
`\PSW` $\Rightarrow \tilde{W}$
- positive wino
`\PSWp` $\Rightarrow \tilde{W}^+$
- negative wino
`\PSWm` $\Rightarrow \tilde{W}^-$
- wino pm
`\PSWpm` $\Rightarrow \tilde{W}^\pm$
- wino mp
`\PSWmp` $\Rightarrow \tilde{W}^\mp$
- zino
`\PSZ` $\Rightarrow \tilde{Z}$
- zino
`\PSZz` $\Rightarrow \tilde{Z}^0$
- bino
`\PSB` $\Rightarrow \tilde{B}$
- selectron
`\PSe` $\Rightarrow \tilde{e}$
- photino
`\PSgg` $\Rightarrow \tilde{\gamma}$
- smuon
`\PSgm` $\Rightarrow \tilde{\mu}$
- sneutrino
`\PSgn` $\Rightarrow \tilde{\nu}$
- stau
`\PSgt` $\Rightarrow \tilde{\tau}$
- chargino/neutralino
`\PSgx` $\Rightarrow \tilde{\chi}$
- chargino pm
`\PSgxpm` $\Rightarrow \tilde{\chi}^\pm$
- chargino mp
`\PSgxmp` $\Rightarrow \tilde{\chi}^\mp$
- neutralino
`\PSgxz` $\Rightarrow \tilde{\chi}^0$
- lightest neutralino
`\PSgxzi` $\Rightarrow \tilde{\chi}_1^0$

- next-to-lightest neutralino

$$\backslash\text{PSgxzii} \Rightarrow \tilde{\chi}_2^0$$

- gluino

$$\backslash\text{PSg} \Rightarrow \tilde{g}$$

- slepton (generic)

$$\backslash\text{PSl} \Rightarrow \tilde{\ell}$$

- anti-slepton (generic)

$$\backslash\text{PaSl} \Rightarrow \tilde{\bar{\ell}}$$

- squark (generic)

$$\backslash\text{PSq} \Rightarrow \tilde{q}$$

- anti-squark (generic)

$$\backslash\text{PaSq} \Rightarrow \tilde{\bar{q}}$$

- down squark

$$\backslash\text{PSqd} \Rightarrow \tilde{d}$$

- up squark

$$\backslash\text{PSqu} \Rightarrow \tilde{u}$$

- strange squark

$$\backslash\text{PSqs} \Rightarrow \tilde{s}$$

- charm squark

$$\backslash\text{PSqc} \Rightarrow \tilde{c}$$

- bottom squark (sbottom)

$$\backslash\text{PSqb} \Rightarrow \tilde{b}$$

- top squark (stop)

$$\backslash\text{PSqt} \Rightarrow \tilde{t}$$

- anti-down squark

$$\backslash\text{PaSqd} \Rightarrow \tilde{\bar{d}}$$

- anti-up squark

$$\backslash\text{PaSqu} \Rightarrow \tilde{\bar{u}}$$

- anti-strange squark

$$\backslash\text{PaSqs} \Rightarrow \tilde{\bar{s}}$$

- anti-charm squark

$$\backslash\text{PaSqc} \Rightarrow \tilde{\bar{c}}$$

- anti-bottom squark

$$\backslash\text{PaSqb} \Rightarrow \tilde{\bar{b}}$$

- anti-top squark (stop)

$$\backslash\text{PaSqt} \Rightarrow \tilde{\bar{t}}$$

6 Bold sans font

- `\PB` \Rightarrow **B**
- `\PBpm` \Rightarrow **B[±]**
- `\PBmp` \Rightarrow **B[∓]**
- `\PBp` \Rightarrow **B⁺**
- `\PBm` \Rightarrow **B⁻**
- `\PBz` \Rightarrow **B⁰**
- `\PBst` \Rightarrow **B^{*}**
- `\PdB` \Rightarrow **B_d⁰**
- `\PuB` \Rightarrow **B⁺**
- `\PcB` \Rightarrow **B_c⁺**
- `\PsB` \Rightarrow **B_s⁰**
- `\PaB` \Rightarrow **\bar{B}**
- `\PaBz` \Rightarrow **\bar{B}^0**
- `\PadB` \Rightarrow **\bar{B}_d^0**
- `\PauB` \Rightarrow **B⁻**
- `\PacB` \Rightarrow **B_c⁻**
- `\PasB` \Rightarrow **\bar{B}_s^0**
- **kaon**
`\PK` \Rightarrow **K**
- **charged kaon**
`\PKpm` \Rightarrow **K[±]**
- **charged kaon**
`\PKmp` \Rightarrow **K[∓]**
- **negative kaon**
`\PKm` \Rightarrow **K⁻**
- **positive kaon**
`\PKp` \Rightarrow **K⁺**
- **neutral kaon**
`\PKz` \Rightarrow **K⁰**
- **K-long**
`\PKzL` \Rightarrow **K_L⁰**
- **K-short**
`\PKzS` \Rightarrow **K_S⁰**
- **K star**
`\PKst` \Rightarrow **K^{*}**
- **anti-kaon**
`\PaK` \Rightarrow **\bar{K}**
- **neutral anti-kaon**
`\PaKz` \Rightarrow **\bar{K}^0**
- `\PKeiii` \Rightarrow **K_{e3}**
- `\PKgmiii` \Rightarrow **K_{μ3}**
- `\PKzeiii` \Rightarrow **K_{e3}⁰**
- `\PKzgmiii` \Rightarrow **K_{μ3}⁰**
- `\PKia` \Rightarrow **K₁(1400)**
- `\PKii` \Rightarrow **K₂(1770)**

- $\backslash\text{PKi} \Rightarrow \text{K}_1(1270)$
- $\backslash\text{PKsti} \Rightarrow \text{K}^*(892)$
- $\backslash\text{PKsta} \Rightarrow \text{K}^*(1370)$
- $\backslash\text{PKstb} \Rightarrow \text{K}^*(1680)$
- $\backslash\text{PKstiii} \Rightarrow \text{K}_3^*(1780)$
- $\backslash\text{PKstii} \Rightarrow \text{K}_2^*(1430)$
- $\backslash\text{PKstiv} \Rightarrow \text{K}_4^*(2045)$
- $\backslash\text{PKstz} \Rightarrow \text{K}_0^*(1430)$
- $\backslash\text{PN} \Rightarrow \text{N}$
- $\backslash\text{PNa} \Rightarrow \text{N}(1440) \text{P}_{11}$
- $\backslash\text{PNb} \Rightarrow \text{N}(1520) \text{D}_{13}$
- $\backslash\text{PNc} \Rightarrow \text{N}(1535) \text{S}_{11}$
- $\backslash\text{PNd} \Rightarrow \text{N}(1650) \text{S}_{11}$
- $\backslash\text{PNe} \Rightarrow \text{N}(1675) \text{D}_{15}$
- $\backslash\text{PNf} \Rightarrow \text{N}(1680) \text{F}_{15}$
- $\backslash\text{PNg} \Rightarrow \text{N}(1700) \text{D}_{13}$
- $\backslash\text{PNh} \Rightarrow \text{N}(1710) \text{P}_{11}$
- $\backslash\text{PNi} \Rightarrow \text{N}(1720) \text{P}_{13}$
- $\backslash\text{PNj} \Rightarrow \text{N}(2190) \text{G}_{17}$
- $\backslash\text{PNk} \Rightarrow \text{N}(2220) \text{H}_{19}$
- $\backslash\text{PNl} \Rightarrow \text{N}(2250) \text{G}_{19}$
- $\backslash\text{PNm} \Rightarrow \text{N}(2600) \text{I}_{1,11}$
- **gluon**
 $\backslash\text{Pg} \Rightarrow \text{g}$
- **photon**
 $\backslash\text{Pgg} \Rightarrow \gamma$
- **photon***
 $\backslash\text{Pggx} \Rightarrow \gamma^*$
- **W boson**
 $\backslash\text{PW} \Rightarrow \text{W}$
- **charged W boson**
 $\backslash\text{PWpm} \Rightarrow \text{W}^\pm$
- **charged W boson**
 $\backslash\text{PWmp} \Rightarrow \text{W}^\mp$
- **W-plus**
 $\backslash\text{PWp} \Rightarrow \text{W}^+$
- **W-minus**
 $\backslash\text{PWm} \Rightarrow \text{W}^-$
- $\backslash\text{PWR} \Rightarrow \text{W}_R$
- **W-prime boson**
 $\backslash\text{PWpr} \Rightarrow \text{W}'$
- **Z boson**
 $\backslash\text{PZ} \Rightarrow \text{Z}$
- **neutral Z boson**
 $\backslash\text{PZz} \Rightarrow \text{Z}^0$
- **Z-prime boson**
 $\backslash\text{PZpr} \Rightarrow \text{Z}'$
- **left-right Z boson**
 $\backslash\text{PZLR} \Rightarrow \text{Z}_{LR}$

- $\backslash\text{PZgc} \Rightarrow \mathbf{Z}_\chi$
- $\backslash\text{PZge} \Rightarrow \mathbf{Z}_\eta$
- $\backslash\text{PZgy} \Rightarrow \mathbf{Z}_\psi$
- $\backslash\text{PZi} \Rightarrow \mathbf{Z}_1$
- axion
 $\backslash\text{PAz} \Rightarrow \mathbf{A}^0$
- standard/heavy Higgs
 $\backslash\text{PH} \Rightarrow \mathbf{H}$
- explicitly neutral standard/heavy Higgs
 $\backslash\text{PHz} \Rightarrow \mathbf{H}^0$
- light Higgs
 $\backslash\text{Ph} \Rightarrow \mathbf{h}$
- explicitly neutral light Higgs
 $\backslash\text{Phz} \Rightarrow \mathbf{h}^0$
- pseudoscalar Higgs
 $\backslash\text{PA} \Rightarrow \mathbf{A}$
- explicitly neutral pseudoscalar Higgs
 $\backslash\text{PAz} \Rightarrow \mathbf{A}^0$
- charged Higgs
 $\backslash\text{PHpm} \Rightarrow \mathbf{H}^\pm$
- charged Higgs
 $\backslash\text{PHmp} \Rightarrow \mathbf{H}^\mp$
- positive-charged Higgs
 $\backslash\text{PHp} \Rightarrow \mathbf{H}^+$
- negative-charged Higgs
 $\backslash\text{PHm} \Rightarrow \mathbf{H}^-$
- fermion
 $\backslash\text{Pf} \Rightarrow \mathbf{f}$
- charged fermion
 $\backslash\text{Pfpm} \Rightarrow \mathbf{f}^\pm$
- charged fermion
 $\backslash\text{Pfmp} \Rightarrow \mathbf{f}^\mp$
- positive fermion
 $\backslash\text{Pfp} \Rightarrow \mathbf{f}^+$
- negative fermion
 $\backslash\text{Pfm} \Rightarrow \mathbf{f}^-$
- anti-fermion
 $\backslash\text{Paf} \Rightarrow \bar{\mathbf{f}}$
- lepton
 $\backslash\text{Pl} \Rightarrow \ell$
- charged lepton
 $\backslash\text{Plpm} \Rightarrow \ell^\pm$
- charged lepton
 $\backslash\text{Plmp} \Rightarrow \ell^\mp$
- positive lepton
 $\backslash\text{Plp} \Rightarrow \ell^+$
- negative lepton
 $\backslash\text{Plm} \Rightarrow \ell^-$
- anti-lepton
 $\backslash\text{Pal} \Rightarrow \bar{\ell}$
- generic neutrino
 $\backslash\text{Pgn} \Rightarrow \nu$
- neutrino (for lepton ell)
 $\backslash\text{Pgnl} \Rightarrow \nu_\ell$

- **generic anti-neutrino**
`\Pagn` $\Rightarrow \bar{\nu}$
- **anti-neutrino (for lepton ell)**
`\Pagnl` $\Rightarrow \bar{\nu}_\ell$
- **electronic**
`\Pe` $\Rightarrow e$
- **e plus/minus**
`\Pepm` $\Rightarrow e^\pm$
- **e minus/plus**
`\Pemp` $\Rightarrow e^\mp$
- **electron**
`\Pem` $\Rightarrow e^-$
- **positron**
`\Pep` $\Rightarrow e^+$
- **muonic**
`\Pgm` $\Rightarrow \mu$
- **mu plus/minus**
`\Pgmpm` $\Rightarrow \mu^\pm$
- **mu minus/plus**
`\Pgmp` $\Rightarrow \mu^\mp$
- **muon**
`\Pgmm` $\Rightarrow \mu^-$
- **anti-muon**
`\Pgmp` $\Rightarrow \mu^+$
- **tauonic**
`\Pgt` $\Rightarrow \tau$
- **tau plus/minus**
`\Pgtpm` $\Rightarrow \tau^\pm$
- **tau minus/plus**
`\Pgtmp` $\Rightarrow \tau^\mp$
- **tau lepton**
`\Pgtm` $\Rightarrow \tau^-$
- **anti-tau**
`\Pgtp` $\Rightarrow \tau^+$
- **electron neutrino**
`\Pgne` $\Rightarrow \nu_e$
- **muon neutrino**
`\Pgngm` $\Rightarrow \nu_\mu$
- **tau neutrino**
`\Pgngt` $\Rightarrow \nu_\tau$
- **electron anti-neutrino**
`\Pagne` $\Rightarrow \bar{\nu}_e$
- **muon anti-neutrino**
`\Pagngm` $\Rightarrow \bar{\nu}_\mu$
- **tau anti-neutrino**
`\Pagngt` $\Rightarrow \bar{\nu}_\tau$
- **quark**
`\Pq` $\Rightarrow q$
- **anti-quark**
`\Paq` $\Rightarrow \bar{q}$
- **down quark**
`\Pqd` $\Rightarrow d$
- **up quark**
`\Pqu` $\Rightarrow u$
- **strange quark**
`\Pqs` $\Rightarrow s$

- charm quark
 $\backslash\text{Pqc} \Rightarrow c$
- bottom quark
 $\backslash\text{Pqb} \Rightarrow b$
- top quark
 $\backslash\text{Pqt} \Rightarrow t$
- down anti-quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- up anti-quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- strange anti-quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- charm anti-quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- bottom anti-quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- top anti-quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- $\backslash\text{Pqb} \Rightarrow b$
- $\backslash\text{Pqc} \Rightarrow c$
- $\backslash\text{Pqd} \Rightarrow d$
- $\backslash\text{Pqs} \Rightarrow s$
- $\backslash\text{Pqt} \Rightarrow t$
- $\backslash\text{Pqu} \Rightarrow u$
- $\backslash\text{Pq} \Rightarrow q$
- anti-bottom quark
 $\backslash\text{Paqb} \Rightarrow \bar{b}$
- anti-charm quark
 $\backslash\text{Paqc} \Rightarrow \bar{c}$
- anti-down quark
 $\backslash\text{Paqd} \Rightarrow \bar{d}$
- anti-strange quark
 $\backslash\text{Paqs} \Rightarrow \bar{s}$
- anti-top quark
 $\backslash\text{Paqt} \Rightarrow \bar{t}$
- anti-up quark
 $\backslash\text{Paqu} \Rightarrow \bar{u}$
- anti-quark
 $\backslash\text{Paq} \Rightarrow \bar{q}$
- proton
 $\backslash\text{Pp} \Rightarrow p$
- neutron
 $\backslash\text{Pn} \Rightarrow n$
- anti-proton
 $\backslash\text{Pap} \Rightarrow \bar{p}$
- anti-neutron
 $\backslash\text{Pan} \Rightarrow \bar{n}$
- $\backslash\text{Pcgc} \Rightarrow \chi_c$
- $\backslash\text{Pcgcii} \Rightarrow \chi_{c2}(1P)$
- $\backslash\text{Pcgci} \Rightarrow \chi_{c1}(1P)$
- $\backslash\text{Pcgcz} \Rightarrow \chi_{c0}(1P)$

- $\backslash\text{Pfia} \Rightarrow f_1(1390)$
- $\backslash\text{Pfib} \Rightarrow f_1(1510)$
- $\backslash\text{Pfiia} \Rightarrow f_2(1720)$
- $\backslash\text{Pfiib} \Rightarrow f_2(2010)$
- $\backslash\text{Pfiic} \Rightarrow f_2(2300)$
- $\backslash\text{Pfiid} \Rightarrow f_2(2340)$
- $\backslash\text{Pfiipr} \Rightarrow f'_2(1525)$
- $\backslash\text{Pfii} \Rightarrow f_2(1270)$
- $\backslash\text{Pfiv} \Rightarrow f_4(2050)$
- $\backslash\text{Pfi} \Rightarrow f_1(1285)$
- $\backslash\text{Pfza} \Rightarrow f_0(1400)$
- $\backslash\text{Pfzb} \Rightarrow f_0(1590)$
- $\backslash\text{Pfz} \Rightarrow f_0(975)$
- $\backslash\text{Pgd} \Rightarrow \Delta$
- $\backslash\text{PgDa} \Rightarrow \Delta(1232) P_{33}$
- $\backslash\text{PgDb} \Rightarrow \Delta(1620) S_{31}$
- $\backslash\text{PgDc} \Rightarrow \Delta(1700) D_{33}$
- $\backslash\text{PgdD} \Rightarrow \Delta(1900) S_{31}$
- $\backslash\text{PgDe} \Rightarrow \Delta(1905) F_{35}$
- $\backslash\text{PgdF} \Rightarrow \Delta(1910) P_{31}$
- $\backslash\text{PgdH} \Rightarrow \Delta(1920) P_{33}$
- $\backslash\text{PgdI} \Rightarrow \Delta(1930) D_{35}$
- $\backslash\text{PgdJ} \Rightarrow \Delta(1950) F_{37}$
- $\backslash\text{PgdK} \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash\text{PgL} \Rightarrow \Lambda$
- $\backslash\text{PagL} \Rightarrow \bar{\Lambda}$
- $\backslash\text{PcgLp} \Rightarrow \Lambda_c^+$
- $\backslash\text{PbgL} \Rightarrow \Lambda_b$
- $\backslash\text{PgL a} \Rightarrow \Lambda(1405) S_{01}$
- $\backslash\text{PgL b} \Rightarrow \Lambda(1520) D_{03}$
- $\backslash\text{PgL c} \Rightarrow \Lambda(1600) P_{01}$
- $\backslash\text{PgL d} \Rightarrow \Lambda(1670) S_{01}$
- $\backslash\text{PgL e} \Rightarrow \Lambda(1690) D_{03}$
- $\backslash\text{PgL f} \Rightarrow \Lambda(1800) S_{01}$
- $\backslash\text{PgL g} \Rightarrow \Lambda(1810) P_{01}$
- $\backslash\text{PgL h} \Rightarrow \Lambda(1820) F_{05}$
- $\backslash\text{PgL i} \Rightarrow \Lambda(1830) D_{05}$
- $\backslash\text{PgL j} \Rightarrow \Lambda(1890) P_{03}$
- $\backslash\text{PgL k} \Rightarrow \Lambda(2100) G_{07}$
- $\backslash\text{PgL l} \Rightarrow \Lambda(2110) F_{05}$
- $\backslash\text{PgL m} \Rightarrow \Lambda(2350) H_{09}$
- $\backslash\text{PgO} \Rightarrow \Omega$
- $\backslash\text{PgOpm} \Rightarrow \Omega^\pm$
- $\backslash\text{PgOmp} \Rightarrow \Omega^\mp$
- $\backslash\text{PgOp} \Rightarrow \Omega^+$
- $\backslash\text{PgOm} \Rightarrow \Omega^-$
- $\backslash\text{PgOma} \Rightarrow \Omega(2250)^-$

- **new**
- $\backslash\text{PagO} \Rightarrow \bar{\Omega}$
- $\backslash\text{PagOp} \Rightarrow \bar{\Omega}^+$
- $\backslash\text{PagOm} \Rightarrow \bar{\Omega}^-$
- $\backslash\text{PgS} \Rightarrow \Sigma$
- $\backslash\text{PgSpm} \Rightarrow \Sigma^\pm$
- $\backslash\text{PgSmp} \Rightarrow \Sigma^\mp$
- $\backslash\text{PgSm} \Rightarrow \Sigma^-$
- $\backslash\text{PgSp} \Rightarrow \Sigma^+$
- $\backslash\text{Pgz} \Rightarrow \Sigma^0$
- $\backslash\text{PcgS} \Rightarrow \Sigma_c$
- $\backslash\text{PagSm} \Rightarrow \bar{\Sigma}^-$
- $\backslash\text{PagSp} \Rightarrow \bar{\Sigma}^+$
- $\backslash\text{PagSz} \Rightarrow \bar{\Sigma}^0$
- $\backslash\text{PacgS} \Rightarrow \bar{\Sigma}_c$
- $\backslash\text{Pgsa} \Rightarrow \Sigma(1385) P_{13}$
- $\backslash\text{Pgsb} \Rightarrow \Sigma(1660) P_{11}$
- $\backslash\text{PgsC} \Rightarrow \Sigma(1670) D_{13}$
- $\backslash\text{Pgsd} \Rightarrow \Sigma(1750) S_{11}$
- $\backslash\text{Pgse} \Rightarrow \Sigma(1775) D_{15}$
- $\backslash\text{Pgsf} \Rightarrow \Sigma(1915) F_{15}$
- $\backslash\text{PgsG} \Rightarrow \Sigma(1940) D_{13}$
- $\backslash\text{PgsH} \Rightarrow \Sigma(2030) F_{17}$
- $\backslash\text{Pgsi} \Rightarrow \Sigma(2050)$
- $\backslash\text{PcgSi} \Rightarrow \Sigma_c(2455)$
- $\backslash\text{Pgu} \Rightarrow \Upsilon$
- $\backslash\text{Pgui} \Rightarrow \Upsilon(1S)$
- $\backslash\text{PguA} \Rightarrow \Upsilon(2S)$
- $\backslash\text{PguB} \Rightarrow \Upsilon(3S)$
- $\backslash\text{PguC} \Rightarrow \Upsilon(4S)$
- $\backslash\text{PguD} \Rightarrow \Upsilon(10860)$
- $\backslash\text{PguE} \Rightarrow \Upsilon(11020)$
- $\backslash\text{Pgx} \Rightarrow \Xi$
- $\backslash\text{PgxP} \Rightarrow \Xi^+$
- $\backslash\text{PgxM} \Rightarrow \Xi^-$
- $\backslash\text{PgxZ} \Rightarrow \Xi^0$
- $\backslash\text{PgxA} \Rightarrow \Xi(1530) P_{13}$
- $\backslash\text{PgxB} \Rightarrow \Xi(1690)$
- $\backslash\text{PgxC} \Rightarrow \Xi(1820) D_{13}$
- $\backslash\text{PgxD} \Rightarrow \Xi(1950)$
- $\backslash\text{PgxE} \Rightarrow \Xi(2030)$
- $\backslash\text{PagXp} \Rightarrow \bar{\Xi}^+$
- $\backslash\text{PagXm} \Rightarrow \bar{\Xi}^-$
- $\backslash\text{PagXz} \Rightarrow \bar{\Xi}^0$
- $\backslash\text{PcgXp} \Rightarrow \bar{\Xi}_c^+$
- $\backslash\text{PcgXz} \Rightarrow \bar{\Xi}_c^0$
- $\backslash\text{Pgf} \Rightarrow \phi$

- $\backslash\text{Pgfi} \Rightarrow \phi(1020)$
- $\backslash\text{Pgfa} \Rightarrow \phi(1680)$
- $\backslash\text{Pgfiii} \Rightarrow \phi_3(1850)$
- $\backslash\text{Pgh} \Rightarrow \eta$
- $\backslash\text{Pghpr} \Rightarrow \eta'$
- $\backslash\text{Pcgh} \Rightarrow \eta_c$
- $\backslash\text{Pggha} \Rightarrow \eta(1295)$
- $\backslash\text{Pghb} \Rightarrow \eta(1440)$
- $\backslash\text{Pghpri} \Rightarrow \eta'(958)$
- $\backslash\text{Pcghi} \Rightarrow \eta_c(1S)$
- $\backslash\text{Pgo} \Rightarrow \omega$
- $\backslash\text{Pgoi} \Rightarrow \omega(783)$
- $\backslash\text{Pgoa} \Rightarrow \omega(1390)$
- $\backslash\text{Pgob} \Rightarrow \omega(1600)$
- $\backslash\text{Pgoiii} \Rightarrow \omega(3)^{1670}$
- **pion**
 $\backslash\text{Pgp} \Rightarrow \pi$
- **charged pion**
 $\backslash\text{Pgppm} \Rightarrow \pi^\pm$
- **charged pion**
 $\backslash\text{Pgppp} \Rightarrow \pi^\mp$
- **negative pion**
 $\backslash\text{Pgpm} \Rightarrow \pi^-$
- **positive pion**
 $\backslash\text{Pgpp} \Rightarrow \pi^+$
- **neutral pion**
 $\backslash\text{Pgpz} \Rightarrow \pi^0$
- $\backslash\text{Pgpa} \Rightarrow \pi(1300)$
- $\backslash\text{Pgpri} \Rightarrow \pi_2(1670)$
- **resonance removed**
 $\backslash\text{Pgr} \Rightarrow \rho$
- $\backslash\text{Pgrp} \Rightarrow \rho^+$
- $\backslash\text{Pgrm} \Rightarrow \rho^-$
- $\backslash\text{Pgrpm} \Rightarrow \rho^\pm$
- $\backslash\text{Pgrmp} \Rightarrow \rho^\mp$
- $\backslash\text{Pgrz} \Rightarrow \rho^0$
- **new**
 $\backslash\text{Pgri} \Rightarrow \rho(770)$
- $\backslash\text{Pgra} \Rightarrow \rho(1450)$
- $\backslash\text{Pgrb} \Rightarrow \rho(1700)$
- $\backslash\text{Pgriii} \Rightarrow \rho_3(1690)$
- $\backslash\text{PJgy} \Rightarrow J/\psi$
- $\backslash\text{PJgyi} \Rightarrow J/\psi(1S)$
- $\backslash\text{Pgy} \Rightarrow \psi$
- $\backslash\text{Pgyii} \Rightarrow \psi(2S)$
- $\backslash\text{Pgya} \Rightarrow \psi(3770)$
- $\backslash\text{Pgyb} \Rightarrow \psi(4040)$
- $\backslash\text{Pgyc} \Rightarrow \psi(4160)$
- $\backslash\text{Pgyd} \Rightarrow \psi(4415)$

- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDm \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- **new 2005-07-08**
- $\backslash PsD \Rightarrow D_s$
- $\backslash PsDm \Rightarrow D_s^-$
- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash Paii \Rightarrow a_2(1320)$
- $\backslash Pai \Rightarrow a_1(1260)$
- $\backslash Paz \Rightarrow a_0(980)$
- $\backslash Pbgcia \Rightarrow \chi_{b1}(2P)$
- $\backslash Pbgciia \Rightarrow \chi_{b2}(2P)$
- $\backslash Pbgcii \Rightarrow \chi_{b2}(1P)$
- $\backslash Pbgci \Rightarrow \chi_{b1}(1P)$
- $\backslash Pbgcza \Rightarrow \chi_{b0}(2P)$
- $\backslash Pbgcz \Rightarrow \chi_{b0}(1P)$
- $\backslash Pbi \Rightarrow b_1(1235)$
- $\backslash Phia \Rightarrow h_1(1170)$
- **Higgsino**
- $\backslash PSH \Rightarrow \tilde{H}$
- **positive Higgsino**
- $\backslash PSHp \Rightarrow \tilde{H}^+$
- **negative Higgsino**
- $\backslash PSHm \Rightarrow \tilde{H}^-$
- **charged Higgsino**
- $\backslash PSHpm \Rightarrow \tilde{H}^\pm$
- **charged Higgsino**
- $\backslash PSHmp \Rightarrow \tilde{H}^\mp$

- neutral Higgsino

$$\backslashPSHz \Rightarrow \tilde{H}^0$$

- wino

$$\backslashPSW \Rightarrow \tilde{W}$$

- positive wino

$$\backslashPSWp \Rightarrow \tilde{W}^+$$

- negative wino

$$\backslashPSWm \Rightarrow \tilde{W}^-$$

- wino pm

$$\backslashPSWpm \Rightarrow \tilde{W}^\pm$$

- wino mp

$$\backslashPSWmp \Rightarrow \tilde{W}^\mp$$

- zino

$$\backslashPSZ \Rightarrow \tilde{Z}$$

- zino

$$\backslashPSZz \Rightarrow \tilde{Z}^0$$

- bino

$$\backslashPSB \Rightarrow \tilde{B}$$

- selectron

$$\backslashPSe \Rightarrow \tilde{e}$$

- photino

$$\backslashPSgg \Rightarrow \tilde{\gamma}$$

- smuon

$$\backslashPSgm \Rightarrow \tilde{\mu}$$

- sneutrino

$$\backslashPSgn \Rightarrow \tilde{\nu}$$

- stau

$$\backslashPSgt \Rightarrow \tilde{\tau}$$

- chargino/neutralino

$$\backslashPSgx \Rightarrow \tilde{\chi}$$

- chargino pm

$$\backslashPSgxpm \Rightarrow \tilde{\chi}^\pm$$

- chargino mp

$$\backslashPSgxmp \Rightarrow \tilde{\chi}^\mp$$

- neutralino

$$\backslashPSgxz \Rightarrow \tilde{\chi}^0$$

- lightest neutralino

$$\backslashPSgxzi \Rightarrow \tilde{\chi}_1^0$$

- next-to-lightest neutralino

$$\backslashPSgxzii \Rightarrow \tilde{\chi}_2^0$$

- gluino

$$\backslashPSg \Rightarrow \tilde{g}$$

- slepton (generic)

$$\backslashPSl \Rightarrow \tilde{\ell}$$

- anti-slepton (generic)

$$\backslashPaSl \Rightarrow \tilde{\bar{\ell}}$$

- squark (generic)

$$\backslashPSq \Rightarrow \tilde{q}$$

- anti-squark (generic)

$$\backslashPaSq \Rightarrow \tilde{\bar{q}}$$

- down squark

$$\backslashPSqd \Rightarrow \tilde{d}$$

- up squark

$$\backslashPSqu \Rightarrow \tilde{u}$$

- strange squark

$$\backslashPSqs \Rightarrow \tilde{s}$$

- charm squark

$$\backslash\text{PSqc} \Rightarrow \tilde{c}$$

- bottom squark (sbottom)

$$\backslash\text{PSqb} \Rightarrow \tilde{b}$$

- top squark (stop)

$$\backslash\text{PSqt} \Rightarrow \tilde{t}$$

- anti-down squark

$$\backslash\text{PaSqd} \Rightarrow \tilde{d}$$

- anti-up squark

$$\backslash\text{PaSqu} \Rightarrow \tilde{u}$$

- anti-strange squark

$$\backslash\text{PaSqs} \Rightarrow \tilde{s}$$

- anti-charm squark

$$\backslash\text{PaSqc} \Rightarrow \tilde{c}$$

- anti-bottom squark

$$\backslash\text{PaSqb} \Rightarrow \tilde{b}$$

- anti-top squark (stop)

$$\backslash\text{PaSqt} \Rightarrow \tilde{t}$$

7 Italic sans font

- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^\pm$
- $\backslash PBmp \Rightarrow B^\mp$
- $\backslash PBp \Rightarrow B^+$
- $\backslash PBm \Rightarrow B^-$
- $\backslash PBz \Rightarrow B^0$
- $\backslash PBst \Rightarrow B^*$
- $\backslash PdB \Rightarrow B_d^0$
- $\backslash PuB \Rightarrow B^+$
- $\backslash PcB \Rightarrow B_c^+$
- $\backslash PsB \Rightarrow B_s^0$
- $\backslash PaB \Rightarrow \bar{B}$
- $\backslash PaBz \Rightarrow \bar{B}^0$
- $\backslash PadB \Rightarrow \bar{B}_d^0$
- $\backslash PauB \Rightarrow B^-$
- $\backslash PacB \Rightarrow B_c^-$
- $\backslash PasB \Rightarrow \bar{B}_s^0$
- kaon
 $\backslash PK \Rightarrow K$
- charged kaon
 $\backslash PKmp \Rightarrow K^\mp$
- negative kaon
 $\backslash PKm \Rightarrow K^-$
- positive kaon
 $\backslash PKp \Rightarrow K^+$
- neutral kaon
 $\backslash PKz \Rightarrow K^0$
- K-long
 $\backslash PKzL \Rightarrow K_L^0$
- K-short
 $\backslash PKzS \Rightarrow K_S^0$
- K star
 $\backslash PKst \Rightarrow K^*$
- anti-kaon
 $\backslash PaK \Rightarrow \bar{K}$
- neutral anti-kaon
 $\backslash PaKz \Rightarrow \bar{K}^0$
- $\backslash PKeiii \Rightarrow K_{e3}$
- $\backslash PKgmiii \Rightarrow K_{\mu3}$
- $\backslash PKzeiii \Rightarrow K_{e3}^0$
- $\backslash PKzgmiii \Rightarrow K_{\mu3}^0$
- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$

- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$
- *gluon*
 $\backslash Pg \Rightarrow g$
- *photon*
 $\backslash Pgg \Rightarrow \gamma$
- *photon**
 $\backslash Pggx \Rightarrow \gamma^*$
- *W boson*
 $\backslash PW \Rightarrow W$
- *charged W boson*
 $\backslash PWpm \Rightarrow W^\pm$
- *charged W boson*
 $\backslash PWmp \Rightarrow W^\mp$
- *W-plus*
 $\backslash PWp \Rightarrow W^+$
- *W-minus*
 $\backslash PWm \Rightarrow W^-$
- $\backslash PWR \Rightarrow W_R$
- *W-prime boson*
 $\backslash PWpr \Rightarrow W'$
- *Z boson*
 $\backslash PZ \Rightarrow Z$
- *neutral Z boson*
 $\backslash PZz \Rightarrow Z^0$
- *Z-prime boson*
 $\backslash PZpr \Rightarrow Z'$
- *left-right Z boson*
 $\backslash PZLR \Rightarrow Z_{LR}$

- $\backslash PZgc \Rightarrow Z_\chi$
- $\backslash PZge \Rightarrow Z_\eta$
- $\backslash PZgy \Rightarrow Z_\psi$
- $\backslash PZi \Rightarrow Z_1$
- axion
 $\backslash PAz \Rightarrow A^0$
- standard/heavy Higgs
 $\backslash PH \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\backslash PHz \Rightarrow H^0$
- light Higgs
 $\backslash Ph \Rightarrow h$
- explicitly neutral light Higgs
 $\backslash Phz \Rightarrow h^0$
- pseudoscalar Higgs
 $\backslash PA \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\backslash PAz \Rightarrow A^0$
- charged Higgs
 $\backslash PHpm \Rightarrow H^\pm$
- charged Higgs
 $\backslash PHmp \Rightarrow H^\mp$
- positive-charged Higgs
 $\backslash PHp \Rightarrow H^+$
- negative-charged Higgs
 $\backslash PHm \Rightarrow H^-$
- fermion
 $\backslash Pf \Rightarrow f$
- charged fermion
 $\backslash Pfpm \Rightarrow f^\pm$
- charged fermion
 $\backslash Pfmp \Rightarrow f^\mp$
- positive fermion
 $\backslash Pfp \Rightarrow f^+$
- negative fermion
 $\backslash Pfm \Rightarrow f^-$
- anti-fermion
 $\backslash Paf \Rightarrow \bar{f}$
- lepton
 $\backslash Pl \Rightarrow \ell$
- charged lepton
 $\backslash Plpm \Rightarrow \ell^\pm$
- charged lepton
 $\backslash Plmp \Rightarrow \ell^\mp$
- positive lepton
 $\backslash Plp \Rightarrow \ell^+$
- negative lepton
 $\backslash Plm \Rightarrow \ell^-$
- anti-lepton
 $\backslash Pal \Rightarrow \bar{\ell}$
- generic neutrino
 $\backslash Pgn \Rightarrow \nu$
- neutrino (for lepton ell)
 $\backslash Pgnl \Rightarrow \nu_\ell$

- *generic anti-neutrino*
 $\backslash Pagn \Rightarrow \bar{\nu}$
- *anti-neutrino (for lepton ell)*
 $\backslash Pagnl \Rightarrow \bar{\nu}_\ell$
- *electronic*
 $\backslash Pe \Rightarrow e$
- *e plus/minus*
 $\backslash Pepm \Rightarrow e^\pm$
- *e minus/plus*
 $\backslash Pemp \Rightarrow e^\mp$
- *electron*
 $\backslash Pem \Rightarrow e^-$
- *positron*
 $\backslash Pep \Rightarrow e^+$
- *muonic*
 $\backslash Pgm \Rightarrow \mu$
- *mu plus/minus*
 $\backslash Pgm\pm \Rightarrow \mu^\pm$
- *mu minus/plus*
 $\backslash Pgm\mp \Rightarrow \mu^\mp$
- *muon*
 $\backslash Pgmm \Rightarrow \mu^-$
- *anti-muon*
 $\backslash Pgm\pm \Rightarrow \mu^+$
- *tauonic*
 $\backslash Pgt \Rightarrow \tau$
- *tau plus/minus*
 $\backslash Pgt\pm \Rightarrow \tau^\pm$
- *tau minus/plus*
 $\backslash Pgt\mp \Rightarrow \tau^\mp$
- *tau lepton*
 $\backslash Pgtm \Rightarrow \tau^-$
- *anti-tau*
 $\backslash Pgt\pm \Rightarrow \tau^+$
- *electron neutrino*
 $\backslash Pgne \Rightarrow \nu_e$
- *muon neutrino*
 $\backslash Pgn\mu \Rightarrow \nu_\mu$
- *tau neutrino*
 $\backslash Pgn\tau \Rightarrow \nu_\tau$
- *electron anti-neutrino*
 $\backslash Pagne \Rightarrow \bar{\nu}_e$
- *muon anti-neutrino*
 $\backslash Pagn\mu \Rightarrow \bar{\nu}_\mu$
- *tau anti-neutrino*
 $\backslash Pagn\tau \Rightarrow \bar{\nu}_\tau$
- *quark*
 $\backslash Pq \Rightarrow q$
- *anti-quark*
 $\backslash Paq \Rightarrow \bar{q}$
- *down quark*
 $\backslash Pqd \Rightarrow d$
- *up quark*
 $\backslash Pqu \Rightarrow u$
- *strange quark*
 $\backslash Pqs \Rightarrow s$

- charm quark
 $\backslash Pqc \Rightarrow c$
- bottom quark
 $\backslash Pqb \Rightarrow b$
- top quark
 $\backslash Pqt \Rightarrow t$
- down anti-quark
 $\backslash Paqd \Rightarrow \bar{d}$
- up anti-quark
 $\backslash Paqu \Rightarrow \bar{u}$
- strange anti-quark
 $\backslash Paqs \Rightarrow \bar{s}$
- charm anti-quark
 $\backslash Paqc \Rightarrow \bar{c}$
- bottom anti-quark
 $\backslash Paqb \Rightarrow \bar{b}$
- top anti-quark
 $\backslash Paqt \Rightarrow \bar{t}$
- $\backslash Pqb \Rightarrow b$
- $\backslash Pqc \Rightarrow c$
- $\backslash Pqd \Rightarrow d$
- $\backslash Pqs \Rightarrow s$
- $\backslash Pqt \Rightarrow t$
- $\backslash Pqu \Rightarrow u$
- $\backslash Pq \Rightarrow q$
- anti-bottom quark
 $\backslash Paqb \Rightarrow \bar{b}$
- anti-charm quark
 $\backslash Paqc \Rightarrow \bar{c}$
- anti-down quark
 $\backslash Paqd \Rightarrow \bar{d}$
- anti-strange quark
 $\backslash Paqs \Rightarrow \bar{s}$
- anti-top quark
 $\backslash Paqt \Rightarrow \bar{t}$
- anti-up quark
 $\backslash Paqu \Rightarrow \bar{u}$
- anti-quark
 $\backslash Paq \Rightarrow \bar{q}$
- proton
 $\backslash Pp \Rightarrow p$
- neutron
 $\backslash Pn \Rightarrow n$
- anti-proton
 $\backslash Pap \Rightarrow \bar{p}$
- anti-neutron
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgc i \Rightarrow \chi_{c1}(1P)$
- $\backslash Pcgc z \Rightarrow \chi_{c0}(1P)$

- $\backslash Pfi a \Rightarrow f_1(1390)$
- $\backslash Pfi b \Rightarrow f_1(1510)$
- $\backslash Pfi ia \Rightarrow f_2(1720)$
- $\backslash Pfi ib \Rightarrow f_2(2010)$
- $\backslash Pfi ic \Rightarrow f_2(2300)$
- $\backslash Pfi id \Rightarrow f_2(2340)$
- $\backslash Pfi ipr \Rightarrow f'_2(1525)$
- $\backslash Pfi i \Rightarrow f_2(1270)$
- $\backslash Pfi v \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$
- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash Pgd \Rightarrow \Delta$
- $\backslash Pgd a \Rightarrow \Delta(1232) P_{33}$
- $\backslash Pgd b \Rightarrow \Delta(1620) S_{31}$
- $\backslash Pgd c \Rightarrow \Delta(1700) D_{33}$
- $\backslash Pgd d \Rightarrow \Delta(1900) S_{31}$
- $\backslash Pgd e \Rightarrow \Delta(1905) F_{35}$
- $\backslash Pgd f \Rightarrow \Delta(1910) P_{31}$
- $\backslash Pgd h \Rightarrow \Delta(1920) P_{33}$
- $\backslash Pgd i \Rightarrow \Delta(1930) D_{35}$
- $\backslash Pgd j \Rightarrow \Delta(1950) F_{37}$
- $\backslash Pgd k \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgO \Rightarrow \Omega$
- $\backslash PgOpm \Rightarrow \Omega^\pm$
- $\backslash PgOmp \Rightarrow \Omega^\mp$
- $\backslash PgOp \Rightarrow \Omega^+$
- $\backslash PgOm \Rightarrow \Omega^-$
- $\backslash PgOma \Rightarrow \Omega(2250)^-$

- *new*
- $\backslash PagO \Rightarrow \bar{\Omega}$
- $\backslash PagOp \Rightarrow \bar{\Omega}^+$
- $\backslash PagOm \Rightarrow \bar{\Omega}^-$
- $\backslash PgS \Rightarrow \Sigma$
- $\backslash PgSpm \Rightarrow \Sigma^\pm$
- $\backslash PgSmp \Rightarrow \Sigma^\mp$
- $\backslash PgSm \Rightarrow \Sigma^-$
- $\backslash PgSp \Rightarrow \Sigma^+$
- $\backslash PgSz \Rightarrow \Sigma^0$
- $\backslash PcgS \Rightarrow \Sigma_c$
- $\backslash PagSm \Rightarrow \bar{\Sigma}^-$
- $\backslash PagSp \Rightarrow \bar{\Sigma}^+$
- $\backslash PagSz \Rightarrow \bar{\Sigma}^0$
- $\backslash PacgS \Rightarrow \bar{\Sigma}_c$
- $\backslash PgSa \Rightarrow \Sigma(1385) P_{13}$
- $\backslash PgSb \Rightarrow \Sigma(1660) P_{11}$
- $\backslash PgSc \Rightarrow \Sigma(1670) D_{13}$
- $\backslash PgSd \Rightarrow \Sigma(1750) S_{11}$
- $\backslash PgSe \Rightarrow \Sigma(1775) D_{15}$
- $\backslash PgSf \Rightarrow \Sigma(1915) F_{15}$
- $\backslash PgSg \Rightarrow \Sigma(1940) D_{13}$
- $\backslash PgSh \Rightarrow \Sigma(2030) F_{17}$
- $\backslash PgSi \Rightarrow \Sigma(2050)$
- $\backslash PcgSi \Rightarrow \Sigma_c(2455)$
- $\backslash PgU \Rightarrow \Upsilon$
- $\backslash PgUi \Rightarrow \Upsilon(1S)$
- $\backslash PgUa \Rightarrow \Upsilon(2S)$
- $\backslash PgUb \Rightarrow \Upsilon(3S)$
- $\backslash PgUc \Rightarrow \Upsilon(4S)$
- $\backslash PgUd \Rightarrow \Upsilon(10860)$
- $\backslash PgUe \Rightarrow \Upsilon(11020)$
- $\backslash PgX \Rightarrow \Xi$
- $\backslash PgXp \Rightarrow \Xi^+$
- $\backslash PgXm \Rightarrow \Xi^-$
- $\backslash PgXz \Rightarrow \Xi^0$
- $\backslash PgXa \Rightarrow \Xi(1530) P_{13}$
- $\backslash PgXb \Rightarrow \Xi(1690)$
- $\backslash PgXc \Rightarrow \Xi(1820) D_{13}$
- $\backslash PgXd \Rightarrow \Xi(1950)$
- $\backslash PgXe \Rightarrow \Xi(2030)$
- $\backslash PagXp \Rightarrow \Xi^+$
- $\backslash PagXm \Rightarrow \Xi^-$
- $\backslash PagXz \Rightarrow \Xi^0$
- $\backslash PcgXp \Rightarrow \Xi_c^+$
- $\backslash PcgXz \Rightarrow \Xi_c^0$
- $\backslash Pgf \Rightarrow \phi$

- $\backslash Pgf i \Rightarrow \phi(1020)$
- $\backslash Pgf a \Rightarrow \phi(1680)$
- $\backslash Pgf i i i \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgha \Rightarrow \eta(1295)$
- $\backslash Pghb \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgoi \Rightarrow \omega(783)$
- $\backslash Pgoa \Rightarrow \omega(1390)$
- $\backslash Pgob \Rightarrow \omega(1600)$
- $\backslash Pgoi i i \Rightarrow \omega(3)^{1670}$
- *pion*
 $\backslash Pgp \Rightarrow \pi$
- *charged pion*
 $\backslash Pgp pm \Rightarrow \pi^\pm$
- *charged pion*
 $\backslash Pgp mp \Rightarrow \pi^\mp$
- *negative pion*
 $\backslash Pgp m \Rightarrow \pi^-$
- *positive pion*
 $\backslash Pgp p \Rightarrow \pi^+$
- *neutral pion*
 $\backslash Pgp z \Rightarrow \pi^0$
- $\backslash Pgp a \Rightarrow \pi(1300)$
- $\backslash Pgp i i \Rightarrow \pi_2(1670)$
- *resonance removed*
 $\backslash Pgr \Rightarrow \rho$
- $\backslash Pgrp \Rightarrow \rho^+$
- $\backslash Pgrm \Rightarrow \rho^-$
- $\backslash Pgrpm \Rightarrow \rho^\pm$
- $\backslash Pgrmp \Rightarrow \rho^\mp$
- $\backslash Pgrz \Rightarrow \rho^0$
- *new*
 $\backslash Pgri \Rightarrow \rho(770)$
- $\backslash Pgra \Rightarrow \rho(1450)$
- $\backslash Pgrb \Rightarrow \rho(1700)$
- $\backslash Pgri i i \Rightarrow \rho_3(1690)$
- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgy i \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgy i i \Rightarrow \psi(2S)$
- $\backslash Pgy a \Rightarrow \psi(3770)$
- $\backslash Pgy b \Rightarrow \psi(4040)$
- $\backslash Pgy c \Rightarrow \psi(4160)$
- $\backslash Pgy d \Rightarrow \psi(4415)$

- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDM \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- *new 2005-07-08*
 $\backslash PsD \Rightarrow D_s$
- $\backslash PsDm \Rightarrow D_s^-$
- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash P a i i \Rightarrow a_2(1320)$
- $\backslash P a i \Rightarrow a_1(1260)$
- $\backslash P a z \Rightarrow a_0(980)$
- $\backslash P b g c i a \Rightarrow \chi_{b1}(2P)$
- $\backslash P b g c i i a \Rightarrow \chi_{b2}(2P)$
- $\backslash P b g c i i \Rightarrow \chi_{b2}(1P)$
- $\backslash P b g c i \Rightarrow \chi_{b1}(1P)$
- $\backslash P b g c z a \Rightarrow \chi_{b0}(2P)$
- $\backslash P b g c z \Rightarrow \chi_{b0}(1P)$
- $\backslash P b i \Rightarrow b_1(1235)$
- $\backslash P h i a \Rightarrow h_1(1170)$
- *Higgsino*
 $\backslash PSH \Rightarrow \tilde{H}$
- *positive Higgsino*
 $\backslash PSHp \Rightarrow \tilde{H}^+$
- *negative Higgsino*
 $\backslash PSHm \Rightarrow \tilde{H}^-$
- *charged Higgsino*
 $\backslash PSHpm \Rightarrow \tilde{H}^\pm$
- *charged Higgsino*
 $\backslash PSHmp \Rightarrow \tilde{H}^\mp$

- *neutral Higgsino*
 $\backslashPSHz \Rightarrow \tilde{H}^0$
- *wino*
 $\backslashPSW \Rightarrow \tilde{W}$
- *positive wino*
 $\backslashPSWp \Rightarrow \tilde{W}^+$
- *negative wino*
 $\backslashPSWm \Rightarrow \tilde{W}^-$
- *wino pm*
 $\backslashPSWpm \Rightarrow \tilde{W}^\pm$
- *wino mp*
 $\backslashPSWmp \Rightarrow \tilde{W}^\mp$
- *zino*
 $\backslashPSZ \Rightarrow \tilde{Z}$
- *zino*
 $\backslashPSZz \Rightarrow \tilde{Z}^0$
- *bino*
 $\backslashPSB \Rightarrow \tilde{B}$
- *selectron*
 $\backslashPSe \Rightarrow \tilde{e}$
- *photino*
 $\backslashPSgg \Rightarrow \tilde{\gamma}$
- *smuon*
 $\backslashPSgm \Rightarrow \tilde{\mu}$
- *sneutrino*
 $\backslashPSgn \Rightarrow \tilde{\nu}$
- *stau*
 $\backslashPSgt \Rightarrow \tilde{\tau}$
- *chargino/neutralino*
 $\backslashPSgx \Rightarrow \tilde{\chi}$
- *chargino pm*
 $\backslashPSgxpm \Rightarrow \tilde{\chi}^\pm$
- *chargino mp*
 $\backslashPSgxmp \Rightarrow \tilde{\chi}^\mp$
- *neutralino*
 $\backslashPSgxz \Rightarrow \tilde{\chi}^0$
- *lightest neutralino*
 $\backslashPSgxzi \Rightarrow \tilde{\chi}_1^0$
- *next-to-lightest neutralino*
 $\backslashPSgxzii \Rightarrow \tilde{\chi}_2^0$
- *gluino*
 $\backslashPSg \Rightarrow \tilde{g}$
- *slepton (generic)*
 $\backslashPSl \Rightarrow \tilde{\ell}$
- *anti-slepton (generic)*
 $\backslashPaSl \Rightarrow \tilde{\bar{\ell}}$
- *squark (generic)*
 $\backslashPSq \Rightarrow \tilde{q}$
- *anti-squark (generic)*
 $\backslashPaSq \Rightarrow \tilde{\bar{q}}$
- *down squark*
 $\backslashPSqd \Rightarrow \tilde{d}$
- *up squark*
 $\backslashPSqu \Rightarrow \tilde{u}$
- *strange squark*
 $\backslashPSqs \Rightarrow \tilde{s}$

- charm squark

$$\backslash PSqc \Rightarrow \tilde{c}$$

- bottom squark (sbottom)

$$\backslash PSqb \Rightarrow \tilde{b}$$

- top squark (stop)

$$\backslash PSqt \Rightarrow \tilde{t}$$

- anti-down squark

$$\backslash PaSqd \Rightarrow \tilde{d}$$

- anti-up squark

$$\backslash PaSqu \Rightarrow \tilde{u}$$

- anti-strange squark

$$\backslash PaSqs \Rightarrow \tilde{s}$$

- anti-charm squark

$$\backslash PaSqc \Rightarrow \tilde{c}$$

- anti-bottom squark

$$\backslash PaSqb \Rightarrow \tilde{b}$$

- anti-top squark (stop)

$$\backslash PaSqt \Rightarrow \tilde{t}$$

8 Bold italic sans font

- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^\pm$
- $\backslash PBmp \Rightarrow B^\mp$
- $\backslash PBp \Rightarrow B^+$
- $\backslash PBm \Rightarrow B^-$
- $\backslash PBz \Rightarrow B^0$
- $\backslash PBst \Rightarrow B^*$
- $\backslash PdB \Rightarrow B_d^0$
- $\backslash PuB \Rightarrow B^+$
- $\backslash PcB \Rightarrow B_c^+$
- $\backslash PsB \Rightarrow B_s^0$
- $\backslash PaB \Rightarrow \bar{B}$
- $\backslash PaBz \Rightarrow \bar{B}^0$
- $\backslash PadB \Rightarrow \bar{B}_d^0$
- $\backslash PauB \Rightarrow B^-$
- $\backslash PacB \Rightarrow B_c^-$
- $\backslash PasB \Rightarrow \bar{B}_s^0$
- **kaon**
 $\backslash PK \Rightarrow K$
- **charged kaon**
 $\backslash PKpm \Rightarrow K^\pm$
- **charged kaon**
 $\backslash PKmp \Rightarrow K^\mp$
- **negative kaon**
 $\backslash PKm \Rightarrow K^-$
- **positive kaon**
 $\backslash PKp \Rightarrow K^+$
- **neutral kaon**
 $\backslash PKz \Rightarrow K^0$
- **K-long**
 $\backslash PKzL \Rightarrow K_L^0$
- **K-short**
 $\backslash PKzS \Rightarrow K_S^0$
- **K star**
 $\backslash PKst \Rightarrow K^*$
- **anti-kaon**
 $\backslash PaK \Rightarrow \bar{K}$
- **neutral anti-kaon**
 $\backslash PaKz \Rightarrow \bar{K}^0$
- $\backslash PKeiii \Rightarrow K_{e3}$
- $\backslash PKgmiii \Rightarrow K_{\mu 3}$
- $\backslash PKzeiii \Rightarrow K_{e3}^0$
- $\backslash PKzgmiii \Rightarrow K_{\mu 3}^0$
- $\backslash PKia \Rightarrow K_1(1400)$
- $\backslash PKii \Rightarrow K_2(1770)$

- $\backslash PKi \Rightarrow K_1(1270)$
- $\backslash PKsti \Rightarrow K^*(892)$
- $\backslash PKsta \Rightarrow K^*(1370)$
- $\backslash PKstb \Rightarrow K^*(1680)$
- $\backslash PKstiii \Rightarrow K_3^*(1780)$
- $\backslash PKstii \Rightarrow K_2^*(1430)$
- $\backslash PKstiv \Rightarrow K_4^*(2045)$
- $\backslash PKstz \Rightarrow K_0^*(1430)$
- $\backslash PN \Rightarrow N$
- $\backslash PNa \Rightarrow N(1440) P_{11}$
- $\backslash PNb \Rightarrow N(1520) D_{13}$
- $\backslash PNC \Rightarrow N(1535) S_{11}$
- $\backslash PNd \Rightarrow N(1650) S_{11}$
- $\backslash PNe \Rightarrow N(1675) D_{15}$
- $\backslash PNf \Rightarrow N(1680) F_{15}$
- $\backslash PNg \Rightarrow N(1700) D_{13}$
- $\backslash PNh \Rightarrow N(1710) P_{11}$
- $\backslash PNi \Rightarrow N(1720) P_{13}$
- $\backslash PNj \Rightarrow N(2190) G_{17}$
- $\backslash PNk \Rightarrow N(2220) H_{19}$
- $\backslash PNL \Rightarrow N(2250) G_{19}$
- $\backslash PNm \Rightarrow N(2600) I_{1,11}$

- **gluon**
 $\backslash Pg \Rightarrow g$
- **photon**
 $\backslash Pgg \Rightarrow \gamma$
- **photon***
 $\backslash Pggx \Rightarrow \gamma^*$
- **W boson**
 $\backslash PW \Rightarrow W$
- **charged W boson**
 $\backslash PWpm \Rightarrow W^\pm$
- **charged W boson**
 $\backslash PWmp \Rightarrow W^\mp$
- **W-plus**
 $\backslash PWp \Rightarrow W^+$
- **W-minus**
 $\backslash PWm \Rightarrow W^-$
- $\backslash PWR \Rightarrow W_R$
- **W-prime boson**
 $\backslash PWpr \Rightarrow W'$
- **Z boson**
 $\backslash PZ \Rightarrow Z$
- **neutral Z boson**
 $\backslash PZz \Rightarrow Z^0$
- **Z-prime boson**
 $\backslash PZpr \Rightarrow Z'$
- **left-right Z boson**
 $\backslash PZLR \Rightarrow Z_{LR}$

- $\backslash PZgc \Rightarrow Z_\chi$
- $\backslash PZge \Rightarrow Z_\eta$
- $\backslash PZgy \Rightarrow Z_\psi$
- $\backslash PZi \Rightarrow Z_1$
- axion
 $\backslash PAz \Rightarrow A^0$
- standard/heavy Higgs
 $\backslash PH \Rightarrow H$
- explicitly neutral standard/heavy Higgs
 $\backslash PHz \Rightarrow H^0$
- light Higgs
 $\backslash Ph \Rightarrow h$
- explicitly neutral light Higgs
 $\backslash Phz \Rightarrow h^0$
- pseudoscalar Higgs
 $\backslash PA \Rightarrow A$
- explicitly neutral pseudoscalar Higgs
 $\backslash PAz \Rightarrow A^0$
- charged Higgs
 $\backslash PHpm \Rightarrow H^\pm$
- charged Higgs
 $\backslash PHmp \Rightarrow H^\mp$
- positive-charged Higgs
 $\backslash PHp \Rightarrow H^+$
- negative-charged Higgs
 $\backslash PHm \Rightarrow H^-$
- fermion
 $\backslash Pf \Rightarrow f$
- charged fermion
 $\backslash Pfpm \Rightarrow f^\pm$
- charged fermion
 $\backslash Pfmp \Rightarrow f^\mp$
- positive fermion
 $\backslash Pfp \Rightarrow f^+$
- negative fermion
 $\backslash Pfm \Rightarrow f^-$
- anti-fermion
 $\backslash Paf \Rightarrow \bar{f}$
- lepton
 $\backslash Pl \Rightarrow l$
- charged lepton
 $\backslash Plpm \Rightarrow l^\pm$
- charged lepton
 $\backslash Plmp \Rightarrow l^\mp$
- positive lepton
 $\backslash Plp \Rightarrow l^+$
- negative lepton
 $\backslash Plm \Rightarrow l^-$
- anti-lepton
 $\backslash Pal \Rightarrow \bar{l}$
- generic neutrino
 $\backslash Pgn \Rightarrow \nu$
- neutrino (for lepton ell)
 $\backslash Pgnl \Rightarrow \nu_\ell$

- generic anti-neutrino
 $\backslash Pagn \Rightarrow \bar{\nu}$
- anti-neutrino (for lepton ell)
 $\backslash Pagnl \Rightarrow \bar{\nu}_\ell$
- electronic
 $\backslash Pe \Rightarrow e$
- e plus/minus
 $\backslash Pepm \Rightarrow e^\pm$
- e minus/plus
 $\backslash Pemp \Rightarrow e^\mp$
- electron
 $\backslash Pem \Rightarrow e^-$
- positron
 $\backslash Pep \Rightarrow e^+$
- muonic
 $\backslash Pgm \Rightarrow \mu$
- mu plus/minus
 $\backslash Pgm\pm \Rightarrow \mu^\pm$
- mu minus/plus
 $\backslash Pgm\mp \Rightarrow \mu^\mp$
- muon
 $\backslash Pgmm \Rightarrow \mu^-$
- anti-muon
 $\backslash Pgmp \Rightarrow \mu^+$
- tauonic
 $\backslash Pgt \Rightarrow \tau$
- tau plus/minus
 $\backslash Pgt\pm \Rightarrow \tau^\pm$
- tau minus/plus
 $\backslash Pgt\mp \Rightarrow \tau^\mp$
- tau lepton
 $\backslash Pgtm \Rightarrow \tau^-$
- anti-tau
 $\backslash Pgt\pm \Rightarrow \tau^+$
- electron neutrino
 $\backslash Pgne \Rightarrow \nu_e$
- muon neutrino
 $\backslash Pngm \Rightarrow \nu_\mu$
- tau neutrino
 $\backslash Pngt \Rightarrow \nu_\tau$
- electron anti-neutrino
 $\backslash Pagne \Rightarrow \bar{\nu}_e$
- muon anti-neutrino
 $\backslash Pagn\bar{m} \Rightarrow \bar{\nu}_\mu$
- tau anti-neutrino
 $\backslash Pagn\bar{t} \Rightarrow \bar{\nu}_\tau$
- quark
 $\backslash Pq \Rightarrow q$
- anti-quark
 $\backslash Paq \Rightarrow \bar{q}$
- down quark
 $\backslash Pqd \Rightarrow d$
- up quark
 $\backslash Pqu \Rightarrow u$
- strange quark
 $\backslash Pqs \Rightarrow s$

- charm quark
 $\backslash Pqc \Rightarrow c$
- bottom quark
 $\backslash Pqb \Rightarrow b$
- top quark
 $\backslash Pqt \Rightarrow t$
- down anti-quark
 $\backslash Paqd \Rightarrow \bar{d}$
- up anti-quark
 $\backslash Paqu \Rightarrow \bar{u}$
- strange anti-quark
 $\backslash Paqs \Rightarrow \bar{s}$
- charm anti-quark
 $\backslash Paqc \Rightarrow \bar{c}$
- bottom anti-quark
 $\backslash Paqb \Rightarrow \bar{b}$
- top anti-quark
 $\backslash Paqt \Rightarrow \bar{t}$
- $\backslash Pqb \Rightarrow b$
- $\backslash Pqc \Rightarrow c$
- $\backslash Pqd \Rightarrow d$
- $\backslash Pqs \Rightarrow s$
- $\backslash Pqt \Rightarrow t$
- $\backslash Pqu \Rightarrow u$
- $\backslash Pq \Rightarrow q$
- anti-bottom quark
 $\backslash Paqb \Rightarrow \bar{b}$
- anti-charm quark
 $\backslash Paqc \Rightarrow \bar{c}$
- anti-down quark
 $\backslash Paqd \Rightarrow \bar{d}$
- anti-strange quark
 $\backslash Paqs \Rightarrow \bar{s}$
- anti-top quark
 $\backslash Paqt \Rightarrow \bar{t}$
- anti-up quark
 $\backslash Paqu \Rightarrow \bar{u}$
- anti-quark
 $\backslash Paq \Rightarrow \bar{q}$
- proton
 $\backslash Pp \Rightarrow p$
- neutron
 $\backslash Pn \Rightarrow n$
- anti-proton
 $\backslash Pap \Rightarrow \bar{p}$
- anti-neutron
 $\backslash Pan \Rightarrow \bar{n}$
- $\backslash Pcgc \Rightarrow \chi_c$
- $\backslash Pcgcii \Rightarrow \chi_{c2}(1P)$
- $\backslash Pcgc i \Rightarrow \chi_{c1}(1P)$
- $\backslash Pcgc z \Rightarrow \chi_{c0}(1P)$

- $\backslash Pfi a \Rightarrow f_1(1390)$
- $\backslash Pfi b \Rightarrow f_1(1510)$
- $\backslash Pfi ia \Rightarrow f_2(1720)$
- $\backslash Pfi ib \Rightarrow f_2(2010)$
- $\backslash Pfi ic \Rightarrow f_2(2300)$
- $\backslash Pfi id \Rightarrow f_2(2340)$
- $\backslash Pfi ipr \Rightarrow f'_2(1525)$
- $\backslash Pfi i \Rightarrow f_2(1270)$
- $\backslash Pfi v \Rightarrow f_4(2050)$
- $\backslash Pfi \Rightarrow f_1(1285)$
- $\backslash Pfza \Rightarrow f_0(1400)$
- $\backslash Pfzb \Rightarrow f_0(1590)$
- $\backslash Pfz \Rightarrow f_0(975)$
- $\backslash Pgd \Rightarrow \Delta$
- $\backslash Pgd a \Rightarrow \Delta(1232) P_{33}$
- $\backslash Pgd b \Rightarrow \Delta(1620) S_{31}$
- $\backslash Pgd c \Rightarrow \Delta(1700) D_{33}$
- $\backslash Pgd d \Rightarrow \Delta(1900) S_{31}$
- $\backslash Pgd e \Rightarrow \Delta(1905) F_{35}$
- $\backslash Pgd f \Rightarrow \Delta(1910) P_{31}$
- $\backslash Pgd h \Rightarrow \Delta(1920) P_{33}$
- $\backslash Pgd i \Rightarrow \Delta(1930) D_{35}$
- $\backslash Pgd j \Rightarrow \Delta(1950) F_{37}$
- $\backslash Pgd k \Rightarrow \Delta(2420) H_{3,11}$
- $\backslash PgL \Rightarrow \Lambda$
- $\backslash PagL \Rightarrow \bar{\Lambda}$
- $\backslash PcgLp \Rightarrow \Lambda_c^+$
- $\backslash PbgL \Rightarrow \Lambda_b$
- $\backslash PgL a \Rightarrow \Lambda(1405) S_{01}$
- $\backslash PgL b \Rightarrow \Lambda(1520) D_{03}$
- $\backslash PgL c \Rightarrow \Lambda(1600) P_{01}$
- $\backslash PgL d \Rightarrow \Lambda(1670) S_{01}$
- $\backslash PgL e \Rightarrow \Lambda(1690) D_{03}$
- $\backslash PgL f \Rightarrow \Lambda(1800) S_{01}$
- $\backslash PgL g \Rightarrow \Lambda(1810) P_{01}$
- $\backslash PgL h \Rightarrow \Lambda(1820) F_{05}$
- $\backslash PgL i \Rightarrow \Lambda(1830) D_{05}$
- $\backslash PgL j \Rightarrow \Lambda(1890) P_{03}$
- $\backslash PgL k \Rightarrow \Lambda(2100) G_{07}$
- $\backslash PgL l \Rightarrow \Lambda(2110) F_{05}$
- $\backslash PgL m \Rightarrow \Lambda(2350) H_{09}$
- $\backslash PgL o \Rightarrow \Omega$
- $\backslash PgL pm \Rightarrow \Omega^\pm$
- $\backslash PgL mp \Rightarrow \Omega^\mp$
- $\backslash PgL op \Rightarrow \Omega^+$
- $\backslash PgL om \Rightarrow \Omega^-$
- $\backslash PgL ma \Rightarrow \Omega(2250)^-$

- **new**
- $\backslash PagO \Rightarrow \bar{\Omega}$
- $\backslash PagOp \Rightarrow \bar{\Omega}^+$
- $\backslash PagOm \Rightarrow \bar{\Omega}^-$
- $\backslash PgS \Rightarrow \Sigma$
- $\backslash PgSpm \Rightarrow \Sigma^\pm$
- $\backslash PgSmp \Rightarrow \Sigma^\mp$
- $\backslash PgSm \Rightarrow \Sigma^-$
- $\backslash PgSp \Rightarrow \Sigma^+$
- $\backslash PgSz \Rightarrow \Sigma^0$
- $\backslash PcgS \Rightarrow \Sigma_c$
- $\backslash PagSm \Rightarrow \bar{\Sigma}^-$
- $\backslash PagSp \Rightarrow \bar{\Sigma}^+$
- $\backslash PagSz \Rightarrow \bar{\Sigma}^0$
- $\backslash PacgS \Rightarrow \bar{\Sigma}_c$
- $\backslash PgSa \Rightarrow \Sigma(1385) P_{13}$
- $\backslash PgSb \Rightarrow \Sigma(1660) P_{11}$
- $\backslash PgSc \Rightarrow \Sigma(1670) D_{13}$
- $\backslash PgSd \Rightarrow \Sigma(1750) S_{11}$
- $\backslash PgSe \Rightarrow \Sigma(1775) D_{15}$
- $\backslash PgSf \Rightarrow \Sigma(1915) F_{15}$
- $\backslash PgSg \Rightarrow \Sigma(1940) D_{13}$
- $\backslash PgSh \Rightarrow \Sigma(2030) F_{17}$
- $\backslash PgSi \Rightarrow \Sigma(2050)$
- $\backslash PcgSi \Rightarrow \Sigma_c(2455)$
- $\backslash PgU \Rightarrow \Upsilon$
- $\backslash PgUi \Rightarrow \Upsilon(1S)$
- $\backslash PgUa \Rightarrow \Upsilon(2S)$
- $\backslash PgUb \Rightarrow \Upsilon(3S)$
- $\backslash PgUc \Rightarrow \Upsilon(4S)$
- $\backslash PgUd \Rightarrow \Upsilon(10860)$
- $\backslash PgUe \Rightarrow \Upsilon(11020)$
- $\backslash PgX \Rightarrow \Xi$
- $\backslash PgXp \Rightarrow \Xi^+$
- $\backslash PgXm \Rightarrow \Xi^-$
- $\backslash PgXz \Rightarrow \Xi^0$
- $\backslash PgXa \Rightarrow \Xi(1530) P_{13}$
- $\backslash PgXb \Rightarrow \Xi(1690)$
- $\backslash PgXc \Rightarrow \Xi(1820) D_{13}$
- $\backslash PgXd \Rightarrow \Xi(1950)$
- $\backslash PgXe \Rightarrow \Xi(2030)$
- $\backslash PagXp \Rightarrow \bar{\Xi}^+$
- $\backslash PagXm \Rightarrow \bar{\Xi}^-$
- $\backslash PagXz \Rightarrow \bar{\Xi}^0$
- $\backslash PcgXp \Rightarrow \Xi_c^+$
- $\backslash PcgXz \Rightarrow \Xi_c^0$
- $\backslash Pgf \Rightarrow \phi$

- $\backslash Pgf i \Rightarrow \phi(1020)$
- $\backslash Pgf a \Rightarrow \phi(1680)$
- $\backslash Pgf i i i \Rightarrow \phi_3(1850)$
- $\backslash Pgh \Rightarrow \eta$
- $\backslash Pghpr \Rightarrow \eta'$
- $\backslash Pcgh \Rightarrow \eta_c$
- $\backslash Pgha \Rightarrow \eta(1295)$
- $\backslash Pghb \Rightarrow \eta(1440)$
- $\backslash Pghpri \Rightarrow \eta'(958)$
- $\backslash Pcghi \Rightarrow \eta_c(1S)$
- $\backslash Pgo \Rightarrow \omega$
- $\backslash Pgoi \Rightarrow \omega(783)$
- $\backslash Pgoa \Rightarrow \omega(1390)$
- $\backslash Pgob \Rightarrow \omega(1600)$
- $\backslash Pgoi i i \Rightarrow \omega(3)^{1670}$
- **pion**
 $\backslash Pgp \Rightarrow \pi$
- **charged pion**
 $\backslash Pgppm \Rightarrow \pi^\pm$
- **charged pion**
 $\backslash Pgpmp \Rightarrow \pi^\mp$
- **negative pion**
 $\backslash Pgpm \Rightarrow \pi^-$
- **positive pion**
 $\backslash Pgpp \Rightarrow \pi^+$
- **neutral pion**
 $\backslash Pgpz \Rightarrow \pi^0$
- $\backslash Pgpa \Rightarrow \pi(1300)$
- $\backslash Pgp i i \Rightarrow \pi_2(1670)$
- **resonance removed**
 $\backslash Pgr \Rightarrow \rho$
- $\backslash Pgrp \Rightarrow \rho^+$
- $\backslash Pgrm \Rightarrow \rho^-$
- $\backslash Pgrpm \Rightarrow \rho^\pm$
- $\backslash Pgrmp \Rightarrow \rho^\mp$
- $\backslash Pgrz \Rightarrow \rho^0$
- **new**
 $\backslash Pgri \Rightarrow \rho(770)$
- $\backslash Pgra \Rightarrow \rho(1450)$
- $\backslash Pgrb \Rightarrow \rho(1700)$
- $\backslash Pgr i i i \Rightarrow \rho_3(1690)$
- $\backslash PJgy \Rightarrow J/\psi$
- $\backslash PJgyi \Rightarrow J/\psi(1S)$
- $\backslash Pgy \Rightarrow \psi$
- $\backslash Pgyi i \Rightarrow \psi(2S)$
- $\backslash Pgya \Rightarrow \psi(3770)$
- $\backslash Pgyb \Rightarrow \psi(4040)$
- $\backslash Pgyc \Rightarrow \psi(4160)$
- $\backslash Pgyd \Rightarrow \psi(4415)$

- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^\pm$
- $\backslash PDmp \Rightarrow D^\mp$
- $\backslash PDz \Rightarrow D^0$
- $\backslash PDM \Rightarrow D^-$
- $\backslash PDp \Rightarrow D^+$
- $\backslash PDst \Rightarrow D^*$
- $\backslash PaD \Rightarrow \bar{D}$
- $\backslash PaDz \Rightarrow \bar{D}^0$
- **new 2005-07-08**
- $\backslash PsD \Rightarrow D_s$
- $\backslash PsDm \Rightarrow D_s^-$
- $\backslash PsDp \Rightarrow D_s^+$
- $\backslash PsDpm \Rightarrow D_s^\pm$
- $\backslash PsDmp \Rightarrow D_s^\mp$
- $\backslash PsDst \Rightarrow D_s^*$
- $\backslash PsDipm \Rightarrow D_{s1}(2536)^\pm$
- $\backslash PsDimp \Rightarrow D_{s1}(2536)^\mp$
- $\backslash PDiz \Rightarrow D_1(2420)^0$
- $\backslash PDstiiz \Rightarrow D_2^*(2460)^0$
- $\backslash PDstpm \Rightarrow D^*(2010)^\pm$
- $\backslash PDstmp \Rightarrow D^*(2010)^\mp$
- $\backslash PDstz \Rightarrow D^*(2010)^0$
- $\backslash PEz \Rightarrow E^0$
- $\backslash PLpm \Rightarrow L^\pm$
- $\backslash PLmp \Rightarrow L^\mp$
- $\backslash PLz \Rightarrow L^0$
- $\backslash P a i i \Rightarrow a_2(1320)$
- $\backslash P a i \Rightarrow a_1(1260)$
- $\backslash P a z \Rightarrow a_0(980)$
- $\backslash P b g c i a \Rightarrow \chi_{b1}(2P)$
- $\backslash P b g c i i a \Rightarrow \chi_{b2}(2P)$
- $\backslash P b g c i i \Rightarrow \chi_{b2}(1P)$
- $\backslash P b g c i \Rightarrow \chi_{b1}(1P)$
- $\backslash P b g c z a \Rightarrow \chi_{b0}(2P)$
- $\backslash P b g c z \Rightarrow \chi_{b0}(1P)$
- $\backslash P b i \Rightarrow b_1(1235)$
- $\backslash P h i a \Rightarrow h_1(1170)$
- **Higgsino**
- $\backslash PSH \Rightarrow \tilde{H}$
- **positive Higgsino**
- $\backslash PSHp \Rightarrow \tilde{H}^+$
- **negative Higgsino**
- $\backslash PSHm \Rightarrow \tilde{H}^-$
- **charged Higgsino**
- $\backslash PSHpm \Rightarrow \tilde{H}^\pm$
- **charged Higgsino**
- $\backslash PSHmp \Rightarrow \tilde{H}^\mp$

- neutral Higgsino

$$\backslashPSHz \Rightarrow \tilde{H}^0$$

- wino

$$\backslashPSW \Rightarrow \tilde{W}$$

- positive wino

$$\backslashPSWp \Rightarrow \tilde{W}^+$$

- negative wino

$$\backslashPSWm \Rightarrow \tilde{W}^-$$

- wino pm

$$\backslashPSWpm \Rightarrow \tilde{W}^\pm$$

- wino mp

$$\backslashPSWmp \Rightarrow \tilde{W}^\mp$$

- zino

$$\backslashPSZ \Rightarrow \tilde{Z}$$

- zino

$$\backslashPSZz \Rightarrow \tilde{Z}^0$$

- bino

$$\backslashPSB \Rightarrow \tilde{B}$$

- selectron

$$\backslashPSe \Rightarrow \tilde{e}$$

- photino

$$\backslashPSgg \Rightarrow \tilde{\gamma}$$

- smuon

$$\backslashPSgm \Rightarrow \tilde{\mu}$$

- sneutrino

$$\backslashPSgn \Rightarrow \tilde{\nu}$$

- stau

$$\backslashPSgt \Rightarrow \tilde{\tau}$$

- chargino/neutralino

$$\backslashPSgx \Rightarrow \tilde{\chi}$$

- chargino pm

$$\backslashPSgxpm \Rightarrow \tilde{\chi}^\pm$$

- chargino mp

$$\backslashPSgxmp \Rightarrow \tilde{\chi}^\mp$$

- neutralino

$$\backslashPSgxz \Rightarrow \tilde{\chi}^0$$

- lightest neutralino

$$\backslashPSgxzi \Rightarrow \tilde{\chi}_1^0$$

- next-to-lightest neutralino

$$\backslashPSgxzii \Rightarrow \tilde{\chi}_2^0$$

- gluino

$$\backslashPSg \Rightarrow \tilde{g}$$

- slepton (generic)

$$\backslashPSl \Rightarrow \tilde{\ell}$$

- anti-slepton (generic)

$$\backslashPaSl \Rightarrow \tilde{\bar{\ell}}$$

- squark (generic)

$$\backslashPSq \Rightarrow \tilde{q}$$

- anti-squark (generic)

$$\backslashPaSq \Rightarrow \tilde{\bar{q}}$$

- down squark

$$\backslashPSqd \Rightarrow \tilde{d}$$

- up squark

$$\backslashPSqu \Rightarrow \tilde{u}$$

- strange squark

$$\backslashPSqs \Rightarrow \tilde{s}$$

- charm squark

$$\backslash PSqc \Rightarrow \tilde{c}$$

- bottom squark (sbottom)

$$\backslash PSqb \Rightarrow \tilde{b}$$

- top squark (stop)

$$\backslash PSqt \Rightarrow \tilde{t}$$

- anti-down squark

$$\backslash PaSqd \Rightarrow \tilde{d}$$

- anti-up squark

$$\backslash PaSqu \Rightarrow \tilde{u}$$

- anti-strange squark

$$\backslash PaSqs \Rightarrow \tilde{s}$$

- anti-charm squark

$$\backslash PaSqc \Rightarrow \tilde{c}$$

- anti-bottom squark

$$\backslash PaSqb \Rightarrow \tilde{b}$$

- anti-top squark (stop)

$$\backslash PaSqt \Rightarrow \tilde{t}$$